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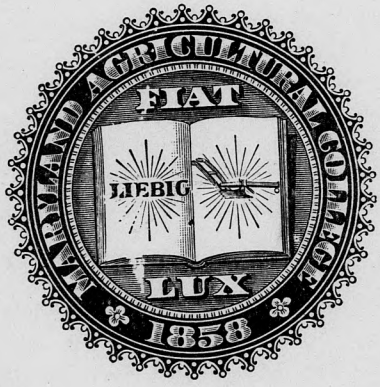

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ADDRESS

Chemical Department, Maryland Agricultural College,

COLLEGE PARK, MD.

ANALYSIS OF

COMMERCIAL FERTILIZERS SOLD IN MARYLAND

BY THE CHEMICAL DEPARTMENT OF THE

MARYLAND AGRICULTURAL COLLEGE.

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The tables on the following pages are made up of the results of the analysis of fertilizers made at the College from September, 1901, to January, 1902, inclusive.

The majority of the samples analyzed are obtained by the different members of the laboratory force while acting as sampling agents, many of the samples being taken while the goods are in transit, on vessels, wharves, cars, at stations, from farmers' wagons, barns, etc. It is impossible for us to analyze all the samples we collect; duplicates are generally omitted.

When a sample has been sent in by a farmer his name appears after the place of sampling. No sample is analyzed unless fully described on blanks furnished by this Department.

No samples are accepted from manufacturers or their agents under any circumstances.

The figures in the columns headed "Ammonia," "Potash" and "Phosphoric Acid" are percentages, or pounds per hundred. To get pounds per ton multiply the figures by 20. The columns headed "Found" contain the results found by analysis; those headed "Guaranteed" contain the essential part of the guarantee as stamped on the bags.

The columns headed "No." contain the respective numbers by which the samples are known in the laboratory. In writing to the Chemical Department in regard to analysis the number should always be given. The samples are numbered consecutively on the books of the office, but are arranged alphabetically for publication, which accounts for the mixing up of the numbers.

"The "comparative value found" and the "comparative value guar-

anteed" are calculated, the former from the analysis found, the latter from the analysis guaranteed on the bags, using the following schedule.

In Mixed Fertilizer:	
For Nitrogen, calculated as Ammonia	15 cts. per pound.
" Potash (K_2O), in forms free from muriate	6 " " "
" Potash (K_2O), as muriate	5 " " "
" Available Phosphoric Acid	5 " " "
" Insoluble Phosphoric Acid	2 " " "
" " " " when from S. C. Rock	1 " " "
In Dissolved S. C. Rock:	
Available Phosphoric Acid	4 " " "
In Ground Bone:	
For Nitrogen, calculated as Ammonia, in "Fine" Bone	14 cts. per pound
" Nitrogen, calculated as Ammonia, in "Fine Medium" Bone	12 " " "
" Nitrogen, calculated as Ammonia, in "Medium" Bone	10 " "
" Nitrogen, calculated as Ammonia, in "Coarse" Bone	8 " " "
" Phosphoric Acid in "Fine" Bone	5 " " "
" " " " "Fine Medium" Bone	4 " " "
" " " " "Medium" "	3 " " "
" " " " 'Coarse" "	2 " " "
In Tankage and Ground Fish:	
For Nitrogen, calculated as Ammonia	12 " " "
" Phosphoric Acid	3 " " "

In using the above schedule *all fertilizers containing less that 1 per cent of ammonia will be given the rock valuation of 4 cents per pound on the available phosphoric acid.*

The "comparative values" given in the table are not claimed to be the proper prices to be paid for the various fertilizers at the place of sale or use; this varies considerably, depending on the market prices of the ingredients, freight, commissions, size of order, cash or credit, &c.

Sliding-scale guarantees (the use of a maximum as well as a minimum guarantee), as "Ammonia 1 to 3 per cent" is unlawful. The penalty for the first offence is $100 fine.

It is unlawful to sell any brand of commercial fertilizer before the license for the same has been obtained from the Comptroller. When the license is paid by the manufacturer it is not necessary for his agents to obtain another license for the same brands. If, however, the manufacturer resides out of the State, and does not pay the license, each agent selling the goods or offering the same for sale is held responsible for the license.

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling. (and Sampler when not the College.)
9464	Am. Ag'r'l Chem. Co. Baltimore Sales Dep't	Bone and Potash.....	Sudlersville Md.... James Merrick, Jr.
9140	" " "	Callahan's Formula.....	Canton.....
9110	" " "	Dissolved Bone.....	Kump's.....
9465	" " "	Dis. S. C. Phosphate.....	Sudlersville, Md.... Jas. Merrick, Jr.
8931	" " "	Fine Gronnd Bone.....	Canton.....
9141	" " "	Fine Ground Bone.....	Canton.....
9169	" " "	Fine Ground Bone.....	Macton.....
9118	" " "	Game Guano.....	Canton. .....
9139	" " "	German Kainit.....	Canton.....
9073	" " "	H G. Dis. Bone Phos. & Pot.	Canton.....
8959	" " "	Orchilla Guano 14%	Mt. Airy.....
9151	" " "	Patrons' Bone Mixture.....	Baltimore.....
8968	" " "	Pure Dis. Animal Bone...	Mt. Airy.....
9024	" " "	Pure Ground Bone.....	Canton.....
9479	" " "	Special Mixture.....	Longwoods, Md.... H. M. Ziegler,
9127	" " "	Super Phos. with Potash..	Baltimore.....
9514	" " "	Super Phos. with Potash	Millington.....
9113	A.A. C.Co.,Canton Chem.	Baker's B. G. Ammoniated	Baltimore .....
8928	" " "	Baker's Dis. S. C. Bone..	Canton.... .....
9032	" " "	" Spec. W. C. & G. Mix.	Canton.....
9018	" " "	" Stand. H. G. Guano..	Canton.....
9030	" " "	Eagle Phosphate.....	Baltimore.....
9137	" " "	Harrow Brand Crop Grower.....	Baltimore.....

	NITROGEN Calculated as AMMONIA		POTASH K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
9464	.....	.....	2.89	3.00	.67	11.60	11.00	12.27	.....	$12.30	$11.80
9140	.....	.....	4.22	5.00	.37	12.30	12.00	12.67	.....	14.13	14.60
9110	2.06	2.00	....	.....	1.09	13.41	10.00	14.50	.....	20.03	16.00
9465	.....	.....	....	.....	.42	14.81	14.00	15.23	.....	11.85	11.20
8931	3.29	3.00	.....	.....	.. .	....	.....	21.20	22.80	27.79	.....
9141	4.30	3.00	....	.....	.....	....	.....	20.49	.....	27.40	.....
9169	4.54	4.00	. ..	.....	....	.....	.....	22.29	20.60	28.05	.....
9118	2.12	2.00	2.22	2.00	1.06	9.40	8.00	10.46	.....	18.40	16.00
9139	.....	.....	13.60	12.00	....	.....	.....	.....	.....	.....	.....
9073	.....	.....	3.18	3.00	0.36	12.34	12.00	12.70	.....	13.12	12.60
8959	.....	.....	....	.....	10.72	5.79	.....	16.51	.....	4.63	.....
9151	2.12	2.00	2.73	2.50	5.07	7.57	5.00	12.64	.....	18.69	13.50
8968	2.60	2.50	....	.....	3.36	13.29	12.00	16.65	.....	22.43	19.50
9024	4.66	4.00	.....	.....	.....	.....	.....	21.53	.....	26.98	.....
9479	....	.....	4.45	5.00	1.82	12.04	12.00	13.86	.....	14.81	14.60
9127	.....	.....	2.01	2.00	1.25	10.01	10.00	11.26	.....	10.27	10.00
9514	.....	.....	2.65	2.00	1.70	10.34	10.00	12.04	11.00	11.26	10.20
9113	1.90	1.50	2.21	2.00	1.67	8.01	8.00	9.68	.....	16.59	14.50
8928	.....	.....	....	.....	.29	15.82	14.00	16.11	.....	12.65	11.20
9032	1.25	1.00	2.03	2.00	1.14	9.41	9.00	10.55	.....	15.66	14.00
9018	2.57	2.50	3.02	3.00	.76	8.55	8.00	9.31	9.00	19.58	18.90
9030	1.23	1.00	1.10	1.00	.84	8.22	7.00	9.06	.....	13.37	11.00
9137	1.07	1.00	0.94	1.00	1.31	8.38	8.00	9.69	.....	13.05	12.00

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling. (and Sampler when not the College.)
8997	A.A.C. Co. (Canton Chem. Co.)	Patron's Bone Mixture...	Canton.....
9040	" " "	Soluble Bone and Potash	Canton.....
9184	A.A.C. Co. (Clark's Cove).	Triumph Bone and Potash	Denton.....
9066	A. A. C. Co. (Detrick's.)	Ammoniated Bone Phosphate.	Baltimore.....
8964	" " "	Paragon Ammon. Bone Phos. and Potash.	Mt. Airy.....
9144	" " "	Bone and Potash Mixture.	Canton.....
9519	" " "	Bone and Potash 16x4 Mixture.	Baltimore.....
9128	" " "	Dissolved S. C. Bone...	Canton.....
9039	" " "	Farmer's New Method....	Canton.....
8963	" " "	Imperial Compound.....	Mt. Airy.....
8958	" " "	Kangaroo Komplete Kompound.	Mt. Airy.....
8961	" " "	P. & B. Special Fertilizer	Mt. Airy.....
9037	" " "	Royal Crop Grower.....	Baltimore.....
8950	" " "	Soluble Bone and Potash	Ellicott City.....
9103	" " "	Special Mixture.....	Smithburg.....
8957	" " "	Super Phos. 14%.....	Mt. Airy.....
9036	" " "	Vegetator Ammon. Super Phos.	Baltimore.....
8947	A. A. C. Co. (Lazaretto.)	Ammon. Bone Phos.....	Ellicott City.....
9017	" " "	Bone Compound.....	Canton.....
9069	" " "	Crop Grower.....	Canton.....
8927	" " "	Dis. Bone Phos.....	Canton.....
9051	" " "	Dis. Bone and Potash....	Baltimore.....
9220	" " "	Dis. Raw Bone.....	Canton.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
8997	2.06	2.00	2.49	2.50	5.76	7.42	5.00	13.18	0.00	$18.39	$13.50
9040	.....	.....	2.25	2.00	1.37	10.60	10.00	11.97	.....	11.00	10.00
9194	....	.....	1.89	2.00	2.30	10.64	10.00	12.94	.....	10.86	10.00
9066	1.52	1.50	1.87	2.00	1.27	8.19	9.00	9.46	.....	15.13	15.50
8964	1.25	1.00	1.22	1.00	1.67	7.18	7.00	8.85	9. 0	12.82	11.40
9144	.....	.....	2.11	2.00	.79	11.28	11.00	12.07	.....	11.29	10.80
9519	.....	.....	2.41	2.00	1.52	10.33	11.00	11.85	.....	10.97	10.80
9128	.....	.....	....	.. ....	1.19	15.22	14.00	16.41	.....	12.18	11.20
9039	2.54	2.50	....	.....	3.60	8.08	8.00	11.68	10.00	17.14	16.30
8963	1.07	1.00	2.21	2.00	1.55	8.64	8.00	10.19	9.00	14 68	13.40
8958	2.13	2.00	3.05	3.00	3.39	8.21	8.00	11.60	9.00	19.01	17.40
8961	.....	.....	2.57	3.00	1.67	11.71	12.00	13.38	13.00	12.27	12.80
9037	2.12	2.00	2.24	2.00	1.31	8.10	8.00	9.41	.....	17.22	16.00
8950	.....	.....	1.94	2.00	2.17	9.63	10.00	11.80	11.00	10.07	10.20
9103	1.19	1.00	1.39	1.00	2.28	9.25	8.00	11.53	.....	15.12	12.00
8957	.....	.....	.....	.....	1.05	14.49	14.00	15.54	17.00	11.59	11.20
9036	2.53	2.50	3.28	3.00	1.97	7.90	8.00	9.87	.....	19.56	18.50
8947	1.10	1.00	2.30	2.00	1.09	8.97	8.00	10.06	....	15.01	13.00
9017	1.45	1.25	3.22	3.00	1.24	9.40	9.00	10.64	.....	17.47	15.75
9069	2.00	2.00	2.23	2.00	2.73	8.08	8.00	10.81	.....	17.40	16.00
8927	.....	.....	....	... ...	1.38	14.52	14.00	15.90	.....	11.61	11.20
9051	.....	.. ....	2.21	2.00	1.41	11.03	10.00	12.44	.....	11.31	10.00
9220	2.61	2.50	.....	.....	2.60	11.88	12.00	14.48	.....	20.75	19.50

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling. (and Sampler, when not the College.)
8914	A. A. C. Co. (Lazaretto)	Excelsior A. A. A.....	Canton.....
8901	" " "	Forsythe & Linthicum's Mixture.....	Canton .....
9159	" " "	H. G. Dis. Bone Phos. & Potash.	Baltimore.....
9029	" " "	Retriever Animal Bone Fertilizer.....	Canton.....
8902	" " "	Super Phos. with Potash..	Canton.....
9070	" " (Maryland)	Alkaline Bone.....	Canton..... ....
9143	" " "	Alkaline Bone.....	Baltimore.....
8932	" " "	Ammoniated Bone.....	Canton.....
9046	" " "	Bono Super Phosphate....	Canton.....
9116	" " "	Bono Super Phosphate...	Canton.....
8943	" " "	Dis. S. C. Bone.....	Baltimore. .....
9099	" " "	Magic Guano..... ...	Smithburg.....
9045	" " "	O. K. Ammoniated Fert..	Canton.....
8972	" " "	Tornado Fertilizer	Monrovia .....
9175	" " (Nickerson)	Acid Phosphate.....	Manadier..... ...
9187	" " "	Alkaline Bone and Pot...	Easton.....
9174	" " "	Dis. Bone and Pot.....	Longwood.....
9191	" " "	Eastern Shore Domestic..	Easton .....
9189	" " "	English Mixture.....	Easton.....
8910	" (Packers' Union)	Amer. Wheat and Rye Grower.....	Canton.....
8908	" " "	Banner Wheat Grower...	Canton.....
8987	" " "	Acidulated Bone.....	Taneytown.....
8909	" " "	Universal Fertilizer.....	Canton.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
8914	1.29	1.00	1.24	1.00	1.10	8.19	7.00	9.29	...	$13.74	$11.00
8901	2.48	2.25	4.54	4.00	2.85	10.75	9.00	13.60	13.50	23.87	21.55
9159	....	.....	2.99	3.00	.16	13.60	12.00	13.76	13.00	13.80	12.80
9029	2.34	2.25	4.19	4.00	3.17	10.37	9.00	13.54	.....	22.85	19.75
8902	.....	.....	2.16	2.00	1.26	11.29	10 00	12.55	.....	11.44	10.00
9070	.....	.....	3.06	3.00	0.35	12.14	12.00	12.59	.....	12.84	12.60
9143	.	.. ..	2.86	3 00	0.36	12.38	12.00	12.74	.....	12.83	12.60
8932	2.11	2.00	3.05	3.00	0.80	9.16	8.00	9.96	.....	18.86	17.00
9046	.....	.. ....	2.01	2.00	0.43	11.32	10.00	11.75	.....	11.16	10.00
9116	.....	.....	2.25	2 00	1.34	10.97	10.00	12 31	.....	11.30	10.00
8943	.....	.....	.....	.....	1.01	14.03	14.00	15.04	.....	11.22	11.20
9099	1.01	1.00	2.33	2 00	1.58	9.95	9.00	11.50	.....	15.93	14.00
9045	1.27	1.00	2.09	2.00	1.33	9.07	8.00	10.40	9.00	15.50	13.40
8972	.....	.....	4.78	5.00	1.17	11.88	12.00	13.05	13.00	14.51	14.80
9175	.....	.....	.....	.....	3.67	13.60	14.00	17.27	.....	10.88	11.20
9187	.. .	.....	1.81	2.00	2.51	10.52	10.00	13.03	.....	10.73	10.00
9174	.....	.....	4.56	5.00	2.07	12.13	12.00	14.20	.....	14.67	14.60
9191	2.04	2.00	3.01	3.00	3.46	9.47	8.00	12.93	.....	19.98	17.00
9189	1.00	1.00	2.32	2.00	2.98	8.59	8.00	11.57	.....	15.10	13.00
8910	1.29	1.00	2.35	2.00	1.64	7.96	8.00	9.60	.....	14.84	13.00
8908	.....	.....	2.06	2.00	0.99	11.05	10.00	12.04	11.00	11.10	10.20
8987	.....	.....	....	.....	0.66	14.97	14.00	15.63	.....	11.98	11.20
8909	1.13	1.00	4.17	4.00	0.95	8.67	8.00	9.62	.....	16.61	15.00

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling, (and Sampler, when not the College.)
9063	A. A. C. Co. (Reese.)	Elm Phosphate.....	Canton.....
9150	" " "	H. G. Potash Mixture....	Baltimore.....
9520	A. A. C. Co. (Sharpless & Carpenter.)	Dissolved Bone Phos....	Canton.....
9018	A. A. C. Co. (Susquehanna)	Alkaline Bone Phos.....	Baltimore.....
8905	" " "	Ammoniated Bone Phos.	Canton.....
8934	" " "	Crop Grower.....	Canton. .....
8967	" " "	Crop Grower.....	Mt. Airy.....
9119	" " "	Grain & Grass Producer.	Baltimore .....
9047	" " "	Grain & Grass Producer.	Baltimore .....
8924	" " "	Pure Bone Phosphate....	Gary..... (Thos. C. Stewart.)
8936	" " "	Pure Bone Phosphate....	Canton.....
8906	" " "	14% Superior Rock Phos.	Canton.....
8935	" " "	XXV Phosphate.	Canton.....
9502	A. A. C. Co. (Tygert Allen.)	Star Soluble Bone and Potash.	Snow Hill..... ....
9145	" " "	Standard Bone Phosphate	Canton.....
9504	" " "	Standard Bone Phosphate	Salisbury.....
9146	" " "	Star Bone Phosphate....	Canton .....
9132	" " "	Star Dissolved S. C. Rock.	Canton .....
9503	" " "	Star Dissolved S. C. Rock.	Snow Hill.....
8996	A. A. C. Co. (Wheeler.)	Electrical Dissolved Bone.	Baltimore.....
9115	" " "	Electrical Dissolved Bone.	Canton.....
8926	" " "	Royal Wheat Grower....	Canton.....
9506	A. A. C. Co. (Williams & Clark.)	Acorn Acid Phosphate ..	Cambridge... .....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
9063	.....	.....	.....	.....	1.16	14.58	14.00	15.74	.....	$11.66	$11.20
9150	.....	.....	4.02	5.00	0.40	12.17	12.00	12.57	.....	13.84	14.60
9520	2.50	2.50	6.12	6.00	1.40	8.03	8.00	9.43	.....	22.21	21.50
9048	.....	.....	2.01	2 00	0.36	10.44	10.00	10.80	.....	10.43	10.00
8905	2.33	2.00	2.52	2.00	2.59	8.66	8.00	11.25	.... ..	19.21	16.00
8934	1.07	1.00	1.02	1.00	1.56	8.51	7.00	10.07	.....	13.36	11.00
8967	1.25	1.00	1.21	1.00	1.71	7.29	7.00	9.00	8.00	12.93	11.40
9119	.....	.....	2.48	3.00	0.39	13.46	12.00	13.85	.....	13.33	12.60
9047	.....	.....	3.11	3.00	0 34	12.18	12.00	12.52	.....	12.92	12.60
8924	2.16	2.00	2.41	2.00	3.89	9.05	9.00	12.94	.....	19.50	17.00
8936	2.24	2.00	2.33	2.00	4.20	8.62	9.00	12.82	11.00	19.35	17.80
8906	.....	.....	.....	.....	2.65	13.43	14.00	16.08	.....	10.74	11.20
8935	1.06	1.00	1.13	1.00	1.61	8.17	8.00	9.78	.....	13.12	12.00
9502	....	.....	2.23	2.00	0.86	10.62	10.00	11.48	.....	10.90	10.00
9145	2.03	2.00	2.38	2.00	1.26	8.54	8.00	9.80	.....	17.51	16.00
9504	2.04	2.00	2.29	2.00	1.31	8.30	8.00	9.61	.....	17.23	16.00
9146	2.03	2.50	3.45	3.00	1.00	8.73	8.00	9.73	.....	18.67	18.50
9132	.....	.....	.....	.....	2.72	13.15	14.00	15.87	.....	10.52	11.20
9503	....	... ...	.....	.....	1.00	14.46	14.00	15.46	.....	11.57	11.20
8996	.....	.. ....	.....	.....	1.09	14.04	14.00	15.13	.....	11.23	11.20
9115	....	...	.....	.....	.77	14.48	14.00	15.25	.....	11.58	11.20
8926	1.14	1.00	2.77	2.00	1.64	8.10	8.00	9.74	.....	14.94	13.00
9506	....	.....	.....	.....	4.02	13.37	14.00	17.39	.....	10.70	11.20

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling (and Sampler when not the College.)
9188	A. A. C. Co. Williams & Clark	Dis. Bone and Potash	Queen Anne
9185	" " "	Nicholson's Formula	Easton
9483	" " "	Rock and Potash	Ridgely
9507	" " "	Royal Bone Phosphate	Thos. W. Jones Cambridge
9192	" " "	Special No. 2	Queen Anne
9190	" " "	Wheat Grower	Easton
8930	" " (Zell)	Ammon. Bone Super Phos	Canton
9546	" " "	Ammoniated Bone	Laurel
9033	" " "	Dis. Bone Phos	Canton
9111	" " "	Dis. Bone Phos	Hancock
8913	" " "	Economizer	Emmittsburg
8929	" " "	Economizer Phos	Canton
8988	" " "	Electric Phos	Taneytown
8937	" " "	Little Giant	Canton
9106	Alexandria Fertilizer Co. Alexandria Va.	Dis. S. C. Rock	Hancock
8953	Armour Fer. Works Baltimore, Md.	Acidulated Bone Meal	Sykesville
9167	" " "	Acidulated Bone Meal	Centreville H. E. Price
8903	" " "	Ammon. Bone with Pot.	Baltimore
8939	" " "	Bone and Dis. Bone with Potash	Baltimore
8992	" " "	Dissolved Bones	Adamstown
8938	" " "	Grain Grower	Baltimore
8978	" " "	Grain Grower	Frederick
8907	" " "	Phosphate and Potash	Baltimore

No.	NITROGEN Calculated as AMMONIA.		POTASH, K^2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
9188	.....	.....	2.00	2.00	2.42	9.88	10 00	12.30	.....	$10.38	$10.00
9185	2.14	2.00	3.07	3.00	3.24	9.56	8.00	12.80	.....	20.35	17.00
9483	.....	.....	4.66	5.00	1.92	12.40	12.00	14.32	.....	14.96	14.60
9507	1.01	1.00	2.23	2.00	3.06	8.60	8.00	11.66	.....	15.08	13.00
9192	1.00	1.00	3.94	3.00	3.10	8.69	9 00	11.79	.....	16.87	15.00
9190	1.09	1.00	1.26	1.00	3.17	8.16	8.00	11.33	.....	13.96	12.00
8930	2.15	2.00	2.38	2.00	1.25	8.06	8.00	9.31	.....	17.39	16.00
9546	2.03	2.00	2.18	2.00	1.80	8.15	8.00	9.95	.....	17.14	16.00
9033	.....	.....	....	.....	0.27	14.66	14.00	15.93	.....	11.73	11.20
9111	.....	.....	....	.....	3.65	12.59	14.00	16.24	.....	10.07	11.20
8913	1.26	1.00	2.27	2.00	1.56	7.91	8.00	9.47	.....	14.58	13.00
8929	1.23	1.00	2.26	2.00	1.45	8.06	8.00	9.51	.....	14.59	13.00
8988	.....	.....	2.27	2.00	0.62	11.07	10.00	11.69	.....	11.25	10.00
8937	1.08	1.00	1.03	1.00	2.58	7.50	7.00	10.08	8.00	12.80	11.40
9106	.....	.....	.....	.....	3.67	12.46	14.00	16.13	.....	9.97	11.20
8953	2.43	2.00	.....	.....	0.89	14.02	11.00	14.91	18.00	21.67	17.00
9167	2.25	2.00	....	.....	1.55	14.72	11.00	16.27	18 00	22.09	17.00
8903	2.87	3.00	2.27	2.00	3.45	7.56	6.00	11.01	8.00	19.82	17.00
8939	1.62	2.00	3.33	3.00	8.76	9.10	9.00	17.86	.....	20.59	18.00
8992	2.18	2.00	.....	.....	3.34	10.04	10.00	13.38	.....	17.91	16.00
8938	2.01	2.00	2.37	2.00	3.22	7.74	8.00	10.96	.....	17.43	16.00
8978	2.02	2.00	2.19	2.00	3.11	8.01	8.00	11.12	10.00	17.50	16.00
8907	....	.....	2.06	2.00	3.55	10.66	10.00	14.21	.....	11.29	10.40

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling. (and Sampler when not the College.)
8922	Armour Fer. Works, Baltimore, Md.	Phosphate and Potash	Clarksburg (Jas. E. Day.)
9129	" " "	Phosphate and Potash No. 1	Baltimore
8952	" " "	Raw Bone Meal	Sykesville
9055	" " "	Royal Ammon. Bone	Baltimore
9195	" " "	Royal Ammon. Bone	Hillsboro
9482	" " "	Rock and Potash	Greensboro (W. E. Orrell.)
8977	" " "	Special Mixture	Frederick
8932	" " "	Star Phosphate	Frederick
9166	" " "	Star Phosphate	Centreville (H. E. Price.)
8980	" " "	D. V. Stouffer's Ammon. Bone Phosphate	Frederick
8979	" " "	Wheat, Corn and Oats Special	Frederick
8981	" " "	Wheat Special	Frederick
9183	Balto. Pulv. Co., Balto., Md.	Ammon'd Excelsior Fertz	Easton
9181	" " " "	Concentrated Bone and Potash	Easton (C. R. Elliott.)
9125	" " " "	Extra Special Fall Mixture	Baltimore
9022	" " " "	Farmers' Favorite Fertilizer	Baltimore
9180	" " " "	Farmers' Favorite Fertilizer	Easton (C. R. Elliott.)
9001	" " " "	H. G. Wheat Compound	Glenarm
8900	" " " "	Penniman's Special Guano No. 1	Baltimore
9114	" " " "	Penniman's Excelsior Fertz	Baltimore
9193	" " " "	Penniman's Excelsior Fertz	Denton
9050	" " " "	S. C. Bone	Canton
9020	" " " "	Special Fall Mixture	Baltimore

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
8922	....	.....	2.01	2	3.20	10.47	10	13.67	.....	$11.03	$10.40
9129	.....	.....	3.12	2	1.89	11.92	10	13.81	.....	13.04	10.40
8952	3.83	4.50	.....		....	.....	.....	23.73	20.00	31.19	.....
9055	1.03	1	4.57	4	1.09	9.91	8	11.00	.....	18.01	15.00
9195	1.16	1	4.26	4	3.31	8.90	8	12.21	.....	17.96	15.00
9482	1.03	.....	3.43	3	2.15	12.33	12	14.48	.....	13.72	12.60
8977	0.81	.50	1.42	1	2.33	9.81	8	12.14	.... ..	12.17	8.90
8982	.....	.....	.....	.....	2.73	14.12	14	16.85	16.00	11.30	11.20
9166	.....	.....	.....	.....	0.51	15.29	14	15.80	.....	12.23	11.20
8980	1.53	1.50	1.80	1.50	1.15	11.17	10	12.32	.....	18.02	16.00
8979	0.84	1	0.89	1	4.10	8.28	8	12.38	9.00	10.85	12.00
8981	1.08	1	1.39	1	5.49	8.40	8	18.89	10.00	15.23	12.00
9183	1.00	1	3.26	5	1.66	11.05	10	12.71	.....	17.97	18 00
9181	.....	.....	0.46	2	1.34	10.87	10	12.21	11.00	9.42	10.20
9125	.....	....	1.26	2	1.17	10.53	10	11.70	.....	9.91	10.00
9022	1.33	1	1.33	3.50	1.85	5.11	5.50	6.96	.....	11.17	12.00
9180	1.04	1	1.50	3.25	1.50	6.72	5.25	8.22	.....	11.94	11.50
9001	1.93	2	2.01	2	3.11	8.78	8	11.89	.....	17.82	16.00
8900	1.29	1	1.64	1	1.00	6.97	8	7.97	.....	12.88	12.00
9114	.....	.....	2.81	5	0.84	10.10	10	10.94	.....	11.06	13.00
9193	.....	.....	2.58	5	1.11	10.59	10	11.70	.....	11.27	13.00
9050	.....	.....	.....	.....	1.51	14.91	14	16.42	.....	11.93	11.20
9020	.....	.....	1.23	2	0.89	8.80	8	9.75	9.00	8.50	8.60

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling. (and Sampler, when not the College.)
9079	Baugh & Sons Co., Balto., Md.	Animal Bone and Potash Compound	Hampstead
8904	" " "	Bone Meal	Baltimore
9160	" " "	Crop Grower	Greensboro
9462	" " "	Crop Grower	Barclay (C. Weedman.)
8954	" " "	Dissolved Animal Bone	Hood's Mills
8993	" " "	Double Eagle Phosphate	Gaithersburg
8995	" " "	Export Bone	Gaithersburg
8934	" " "	Fish Mixture	Taneytown
8917	" " "	General Crop Grower	Baltimore
9177	" " "	Ground Fish	Forest Hill. (A. B. Twining.)
8925	" " "	H. G. Acid Phosphate	Cecilton. (Dr. E. N. Crawford)
8933	" " "	H. G. Acid Phosphate	Baltimore
9078	" " "	H. G. Acid Phosphate	Hampstead
9518	" " "	Hill's Special Mixture	Baltimore
9477	" " "	Old Stand-By Raw Bone Super Phosphate	E. New Market. (T. J. Taylor.)
9034	" " "	Peninsula Grain Producer.	Canton
9161	" " "	Potash Mixture	Greensboro. (N. Horsey of S. H.)
9149	" " "	Raw Bone Super Phos. & Am. Dis. Animal Bone.	Baltimore
8916	" " "	Soluble Alkaline Super Phos	Baltimore
9171	" " "	Special for Wheat and Grass	Glyndon. (Jacob D. Geist.)
8975	" " "	Sullivan's Sure Success	Monrovia
9005	" " "	Tomato Compound	Glencove
9007	" " "	Wheat Fert'z for Wheat and Grass	Rowlandsville

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
9079	2.17	2	2.33	2	2.87	8.83	8	11.70	.....	$18.82	16.00
8904	4.81	4.25	.....	.....	.....	.....	.....	21.23	21.50	30.56	.....
9160	1.24	1	1.83	1	1.25	8.03	8	9.28	.....	14.08	12.00
9462	1.21	1	1.43	1	1.81	8.92	8	10.73	.....	14.70	12.00
8954	2.59	2.50	.....	.....	2.41	15.71	13	18.12	.....	24.44	20.50
8993	2.32	2	1.26	1	2.83	8.73	8	11.56	.....	18.08	15.00
8995	2.65	2	2.61	2	7.69	6.07	.....	13.76	.....	19.71	.....
8984	2.36	2	2.89	2	1.93	7.38	8	9.31	.....	18.12	16.00
8917	1.35	1	1.82	1	1.06	8.17	8	9.23	.....	14.46	12.00
9177	7.83	8	.....	.....	.....	.....	.....	7.08	.....	23.04	.....
8925	.....	.....	.....	.....	1.35	14.92	14	16.27	.....	11.94	11.20
8933	.....	.....	.....	.....	1.28	14.36	14	15.64	.....	11.49	11.20
9078	.....	.....	.....	.....	1.86	15.39	14	17.25	15	12.31	11.20
9518	1.72	2	3.42	2	5.16	11.34	8	16.50	13	21.98	16.00
9477	2.14	2	2.54	1	2.35	8.86	8	11.21	.....	18.76	15.00
9034	1.08	1	2.14	2	1.20	8.21	8	9.41	.....	14.07	13.00
9161	.....	.....	4.88	4	2.17	11.51	10	13.68	.....	14.52	12.00
9149	2.14	2	2.66	1	2.57	8.43	8	11.00	.....	18.54	15 00
8916	.....	.....	2.07	2	1.78	10.03	10	11.81	.....	10.45	10.00
9171	3.20	2.75	5.18	5	6.11	9.11	10	15.22	12	26.33	24.05
8975	2.44	2	1.52	3	1.60	10.73	8	12.33	.....	20.21	17.00
9005	2.61	2	2.36	2	1.90	8.86	8	10.76	.....	19.81	16.00
9007	2.20	2	2.66	2	2.64	8.73	8	11.37	.....	19.05	16.00

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling (and Sampler when not the College.)
9478	Baugh & Sons Co., Balto., Md.	Wheat Fertilizer	E. New Market.... (J. L. Thompson.
9512	Beck, Walker & Brown, Chestertown, Md.	Propagator Super Phos...	Chestertown
9511	" " "	Trustworthy Super Phos.	Chestertown
9510	" " "	Try Me Super Phosphate	Chestertown
8971	A. D. Birely & Sons, Ladlesburg, Md	Diss. Animal Bone and Potash.	Mt. Airy
8969	" " "	Special Mixture for Wheat and Grass	Mt. Airy
9107	D. Blocher & Co., Gettysburg, Pa.	Ammon. Soluble Bone...	Kumps
9108	" " "	Dissolved Bone Phos....	Kumps
9109	" " "	Dissolved Raw Bone and Potash	Kumps
8942	C. M. Bohanan & Co., Balto.	S. C. Bone	Baltimore
9152	" " "	S. C. Bone	Canton
9549	C. E. Bond, Spencerville, Md.	Dissolved Rock	Spencerville
9563	" " "	Pure Raw Bone	Spencerville
9008	Brumfield & Foster, Colora, Md.	Acid Phosphate and Potash	Colora
9010	" " "	Acid Phosphate	Colora
9515	" " "	Acid Phosphate and Potash	Barclay
9011	" " "	Ammoniated Bone	Colora
9009	" " "	Hard Times Ammon'd Bone	Colora
8941	J. L. Bullock, Balto., Md.	Diss. Pure Raw Bone	Baltimore
8940	" " "	Pure Ground Raw Bone.	Baltimore
8998	R. L. Christie, Balto., Md.	Christie's Special	Canton
9006	osiah Cope & Co., Lincoln University, Pa.	Ammon'd Bone Phosphate	Glencove
9042	" " "	Try Me Bone Phosphate.	Canton

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
9478	2.19	2	2.58	2	2.65	8.98	8	11.63	11	19.19	17.20
9512	2.28	2	3.22	2.50	2.12	7.52	8	9.64	.....	18.43	16.50
9511	2.88	3	4.46	4	2.40	7.97	8	10.37	.....	22.03	21.00
9510	.....	.....	3.19	3	3.87	10.22	10	14.09	12	12.14	11.40
8971	1.14	1	1.82	2	1.35	11.01	9	12.36	.....	16.79	14.00
8969	.....	.....	2.46	2	3.37	10.16	10	13.53	.....	11.26	10.06
9107	0.60	0.50	1.62	1.50	0.61	10.15	8	10.76	.....	11.66	9.40
9108	...	.....	.....	.....	0.73	15.35	14	16.08	15	12.28	11.20
9109	2.17	2.50	2.18	2.50	1.10	11.02	12	12.12	13	20.15	22.40
8942	.....	.....	.....	.....	1.60	13.73	14	15.33	.....	10.98	11.20
9152	.....	.....	...	.....	1.09	14.54	14	15.63	.....	11.63	11.20
9549	.....	.....	.....	.....	4.65	12.91	14	17.56	.....	10.33	11.20
9563	4.90	4	.....	.....	.....	.....	.....	21.77	20	29.87	.....
9008	.....	.....	2.41	2	2.17	10.05	10	12.22	.....	10.88	10.00
9010	.....	.....	.....	.....	1.25	14.45	14	15.70	.....	11.56	11.20
9515	.....	.....	2.58	2	1.56	10.05	10	11.61	.....	10.93	10.00
9011	2.02	2	2.45	2	2.14	8.40	8	10.54	.....	17.76	16.00
9009	1.48	1	1.44	1	3.94	8.03	8	11.97	.....	15.49	12.00
8941	3.17	3.67	.....	.....	5.58	12.34	12.30	17.92	.....	24.08	23.31
8940	4.94	4.92	...	.....	.....	.....	.....	22.86	25.20	29.61	.....
8998	2.07	2	2.46	2	1.32	8.85	8	10.17	11.00	18.05	17.20
9006	1.40	1	3.56	3	1.21	10.13	10	11.34	.....	18.37	16.00
9042	2.43	2	3.81	4	1.12	9.60	10	10.72	12	21.15	20.80

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling. (and Sampler, when not the College.)
9041	Josiah Cope & Co., Lincoln University, Pa.	Wheat and Grass Special.	Canton.....
9136	F.P. Covey, Federalsburg, Md.	Standard Bone Phosphate.	Baltimore.....
9505	" " "	Standard Bone Phosphate.	Federalsburg.....
9002	Wm. Davison & Co., Baltimore, Md.	Bos. Ammon. Super Phos.	Belair.....
9004	" " "	H. G. Ammon. Super Phos,	Belair.....
9003	" " "	Penn Mar Ammon. Bone Phos	Belair.....
9153	" " "	Pure Dis. S. C. Bone.....	Baltimore.....
9522	" " "	Penn-Mar Ammon. Bone Phos.	Baltimore.....
9074	" " "	S. C. Rock.....	Guilford.....
8948	I. W. Dorsey, Ellicott City, Md.	Dorsey's Mixture "D"....	Ellicott City.....
9056	Dudley & Carpenter, Baltimore, Md.	Ammon. Bone Phosphate	Baltimore.....
9117	" " "	Dissolved S. C. Bone....	Canton.....
9523	" " "	Special Wheat Mixture...	Canton.....
9057	Edelen Bros., Balto., Md..	Edelen's Special Wheat and Grain Mixture.	Baltimore.....
9513	T. W. Eliason, Chestertown, Md.	No. 1 Ammon. Super Phos.of Lime & Potash.	Chestertown.....
9509	" " "	Our Special Diss. Alk., Phos. and Potash.	Chestertown.....
9521	" " "	Our Special Diss. Alk., Phos. and Potash.	Baltimore.....
9088	Englar & Rinehart, Linwood, Md.	No. 1 Ammon. Bone Phosphate	Linwood.....
9093	D. Englar, Jr., Medford, Md.	No. 3 Bone Phos.....	Medford.....
9014	Eureka Fert'z Co., Perryville, Md.	Alkaline Bone and Potash.	Rising Sun.....
9012	" " "	Pure Dissolved Bone.....	Rising Sun.....
9015	" " "	P. & P. Super Phosphate	Rising Sun.....
9013	" " "	Wheat and Grass Mixture	Rising Sun.....

	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guarranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
9041	1.29	1.00	1.15	1.00	1.18	.30	8.00	9.43	9.00	$13.77	$12.40
9136	1.17	1.00	5.08	5.00	3.42	11.30	.....	14.72	12.00	21.26	.....
9505	1.12	1.00	5.02	5.00	1.87	12.02	12.00	13.89	.....	21.15	20.00
9002	2.44	2.50	2.41	2.50	1.40	11.53	8.00	12.93	11.00	21.82	19.20
9004	3.65	2.75	3.57	2.75	2.65	11.73	10.00	14.38	13.00	27.31	21.20
9003	1.89	1.40	2.62	2.50	2.26	10.50	8.00	12.76	10.00	19.69	15.50
9153	....	.....	.....	.....	0 75	16.53	14.00	17.28	16.00	13.22	11.20
9522	1.73	1.40	3.13	2.50	4.16	10.53	8.00	14.69	10.00	20.51	15.50
9074	.....	.....	.....	.....	1.15	15.74	14.00	16.89	.....	12.58	11.20
8948	2.41	2.25	3.20	4.00	1.44	10.62	9.00	12.06	10 00	21.62	20 15
9056	1.18	1.00	2.21	2.00	0.76	8.41	8.00	9.17	.....	14.46	13.00
9117	.....	.....	.....	.....	1.36	15.25	14.00	16.61	.....	12.20	11.20
9523	.....	.....	3.28	.00	0.57	11.92	12.00	12.49	13.00	12.93	12.80
9057	1.42	1.00	2.08	2.00	1.41	10.06	9.00	11.47	.....	16.96	14.00
9513	2.09	1.00	2.06	1.00	1.21	10.51	9.00	11.72	11.50	19.32	14.00
9509	.....	.....	2.38	1.50	0.38	14.25	11.00	14.63	13.00	13.86	10.70
9521	.....	.....	2.74	1.50	1.05	12.68	11.00	13.73	.....	13.09	10.30
9088	2.10	. 50	1.52	1.34	3.60	11.00	11.31	14.60	.....	20.26	20.15
9093	1.31	1. 5	2.23	2.00	3.09	10.33	9 50	13.42	11.00	17.73	15.85
9014	.....	.....	1.63	2.00	2.84	11.93	10.00	14.77	12.00	11.74	10.40
9013	1.84	2.00	.....	.....	4.02	10.16	12.00	14.18	15.00	17.29	18.00
9015	.....	.....	....	.....	2.95	11.69	14.00	14.64	15.00	9.35	11.20
9013	1.04	1.00	2.20	2.00	3.30	8.94	8.00	12.24	10.00	15.58	13.00

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling. (and Sampler, when not the College.)
9082	W. S. Farmer & Co., Baltimore, Md.	B. & P. Fertilizer.....	Fowblesburg.....
9043	" " "	Clyde Brand	Canton .....
9508	" " "	B & P. Fertz.....	Cambridge.....
9084	" " "	Dissolved S. C. Bone....	Fowblesburg.....
9052	" " "	Harvest Queen Phosphate.	Baltimore.....
9081	" " "	Standard Phosphate....	Fowblesburg.....
9198	Farmers & Planters' Co., Salisbury, Md.	Fish Mixture	Salisbury .....
9199	" " "	General Crop Grower...	Salisbury .....
9197	" " "	Special Wheat Mixture..	Salisbury .....
9023	Farmers' Fertz. Co., Westminster, Md.	Acid Phosphate.....	Canton.....
9096	" " "	No. 1 Bone Phosphate...	Westminster. .....
9097	" " "	No. 2 Bone Phosphate...	Westminster.....
9095	" " "	No. 3 Bone Phosphate...	Westminster.....
9098	" " "	Carroll Bone Phosphate..	Westminster.....
9105	" " "	Carroll Bone Phosphate.	Charlton.....
9085	" " "	P. A. & P. Phosphate...	Glyndon.....
9087	" " "	XX Bone Phosphate.....	Glyndon.....
9182	" " "	XX Bone Phosphate.....	Carrollton..... (Benj. Croft.)
9094	N. I. Gorsuch, Westminster. Md.	Westminster Dis. Raw Bone Phos.	Westminster.....
9120	T. H. Gill, Avalon, Va.....	Try Me Fertilizer.....	Baltimore.....
9026	Griffith, Turner & Co., Baltimore, Md.	Ammon. Butchers Bone Phos	Canton.....
9027	" " "	H. G. Acid Phosphate...	Canton.....
9122	" " "	Soft Ground Bone.....	Baltimore.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
9082	....	.....	2.17	2.00	0.39	10.42	10.00	10.81	11.50	$10.59	$10.30
9043	1.20	1.00	2.27	2.00	1.46	8.13	9.00	9.59	10.00	14.58	14.40
9508	.....	.....	2.18	2.00	0.44	11.52	10.00	11.96	11.50	11.49	10.60
9084	.....	.....	.....	.....	2.15	13.26	14.00	15.41	16.00	10.61	11.20
9052	1.50	1.50	2.00	2.50	1.36	9.75	10.00	11.11	.....	16.79	17.00
9081	2.87	2.85	2.41	2.50	1.02	10.08	10.00	11.10	11.50	21.51	21.65
9198	2.50	3.00	3.17	2.00	3.56	7.57	7.00	11.13	.....	19.66	18.00
9199	1.38	1.00	2.34	2.00	2 62	9.04	10.00	11.66	.....	16.57	15.00
9197	2.56	3.00	2.57	2.25	3.93	8.12	8.00	12.05	.....	19.94	19.25
9023	.....	.....	.....	.....	0.91	15.35	14.00	16.26	15.00	12.28	11.20
9096	2.29	2.50	2.86	2.50	1.05	8.87	9.00	9.92	11.00	19.02	19.80
9097	2.19	2.00	3.31	2.50	1.21	8.41	9.00	9.62	10.00	18.77	17.90
9095	1.23	1.50	3.12	3.00	1.22	9.20	8.00	10.42	9.00	16.50	15.90
9098	0.57	0.50	2.76	2.00	1.73	7.57	7.00	9.30	8.00	10.88	9.30
9105	0.61	.50	1.76	2.00	1.48	10.30	7.00	11.78	8.00	12.12	12.15
9085	.....	.....	3.23	3.00	1.10	10.16	11.00	11.26	.....	11.58	11.80
9087	1.08	1.00	2.86	3.00	0.99	9.62	8.00	10.61	10.00	16.12	14.80
9182	1.01	1.00	3.08	3.00	1.21	9.05	8.00	10.26	9.28	15.64	14.51
9094	1.26	1.40	2.29	2.25	3.97	7.12	7.00	11.09	8.00	14.78	13.85
9120	1.67	2.00	2.60	2.00	1.20	11.30	9.00	12.50	.....	19.39	17.00
9026	1.11	1.50	1.52	1.50	3.10	8.61	9.00	11.71	10.00	14.70	15.40
9027	....	.....	.....	.....	2.05	13.41	14.00	15.46	15.00	10.73	11.20
9122	2.69	3.00	.....	.....	.....	.....	.....	25.07	.....	29.92	.....

No.	Name and address of Manufacturer.	Name of Fertilizer.	Place of Sampling. (and Sampler, when not the College.)
9053	Griffith, Turner & Co., Baltimore, Md.	Special Mixture	Canton.....
9038	Griffith & Boyd, Baltimore, Md.	Ammon. Bone Phos.....	Baltimore.....
9123	" " "	Ammon. Soluble Bone...	Baltimore.....
9075	" " "	Cereal Bone Plant Food.	Hampstead .....
9121	" " "	Cereal Bone Plant Food..	Baltimore.....
9142	" " "	Farmers' Improved Phos	Baltimore.....
9090	" " "	Fish, Bone and Potash...	New Windsor.....
9067	" " "	Harvest Queen Phosphate.	Baltimore.....
9025	" " "	H. G. Acid Phosphate...	Canton.....
9134	" " "	H. G. Acid Phosphate...	Canton.....
9091	" " "	Peerless Fertilizer.....	New Windsor.....
9049	" " "	XX Potash Manure.....	Baltimore.....
9147	" " "	XX Potash Manure	Baltimore. .....
9035	" " "	Pure Dissolved Animal Bone.	Canton.....
9089	" " "	Pure Fine Ground Bone Meal.	New Windsor.....
9092	" " "	Special Grain Grower....	New Windsor.....
9124	" " "	Special Grain Grower....	Baltimore.....
9059	" " "	Soft Ground Bone.....	Baltimore.....
9068	" " "	Valley Fertilizer.....	Baltimore.....
9263	Hanover Fertz. Co., Baltimore, Md.	Dissolved S. C. Rock....	Taneytown.....
9302	" " "	Farmers' Crop Winner..	Walkersville.....
9304	" " "	Blood and Bone Compound.	Walkersville.....
9305	" " "	Excelsior Combine	Walkersville.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
9053	0.56	0.50	2.14	3.00	3.47	7.54	8.00	11.01	9.00	$10.54	11.10
9038	1.57	2.00	3.42	2.00	2.70	8.81	8.00	11.51	9.00	18.02	16.40
9123	0.67	1.00	2.42	2.00	2.90	7.81	7.00	10.71	8.00	11.26	12.40
9075	0.78	1.00	2.27	2.00	3.10	7.35	8.00	10.45	9.00	11.11	13.80
9121	0.72	1.00	2.17	2.00	3.36	7.47	8.00	10.83	9.00	10.98	13.80
9142	0.73	1.00	2.40	1.50	2.66	7.57	7.00	10.23	9.00	11.18	12.30
9090	2.20	1.57	2.83	3.00	2.91	7.39	7.00	10.30	8.00	17.98	15.11
9067	1.14	1.50	1.62	2.50	2.01	11.39	10.00	13.40	11.00	17.23	17.40
9025	.....	.....	.....	.....	1.75	14.38	14.00	16.13	15.00	11.50	11.20
9134	.....	.....	.....	.....	1.37	14.11	14.00	15.48	15.00	11.29	11.20
9091	0.58	0.25	2.86	2.00	2 20	8.08	8.00	10.28	9.00	11.50	9.35
9049	.....	.....	4.14	5.00	1.39	10.37	10.00	11.76	11.00	12.72	13.20
9147	.....	.....	5.22	5.00	2.30	9.76	10.00	12.06	11.00	13.49	13.20
9035	2.15	2 50	.....	.....	2.97	9.01	10.00	11.98	11.00	16.65	17.90
9089	4.86	4.00	.....	.....	.....	.....	.....	21.65	22.00	27.37	.....
9092	.....	.....	2.69	2.00	1.92	9.53	10.00	11.45	11.00	10.69	10.20
9124	.....	.....	2.39	2.00	2.50	8.90	10.00	11.40	11.00	10.01	10.20
9059	3.00	3.00	.....	.....	12.47	5.63	.....	18.10	11.00	19.62	.....
9068	0.44	0.50	3.02	3.00	2.19	8.46	8.00	10.65	9.00	11.55	11.10
9263	.....	.....	.....	.....	4.50	11.15	14.00	15.65	15.00	8.92	11.20
9302	0.68	0.50	1.81	1.50	1.95	6.69	7 00	8.64	8.00	9.59	8.80
9304	.92	1.00	2.70	2.00	3.40	6.93	8 00	10.33	9.00	11.68	13.40
9305	1.89	2.00	2.11	2.00	3.90	5.57	8 00	9.47	9.00	14.91	16.40

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling. (and Sampler, when not the College.)
9383	Hanover Fertz. Co., Baltimore, Md.	Royal Bone and Potash..	Alesia.....
9349	Hanway & Keen, Bel Air, Md.	Dissolved Bone.....	Baltimore.....
9350	" " "	Ground Bone.....	Baltimore.....
9351	" " "	H. & K. Special Mixture.	Baltimore.....
9348	" " "	H. & K. Stand. H. G. Phos.	Baltimore.....
9335	S. M. Hess, & Bro., Phila., Pa.	Keystone Bone Phos....	Leslie.....
9334	" " "	Wheat and Grass Manure	Leslie.....
9170	Home Fertz. Co., Balto., Md.	Boykins Alkaline Bone...	Griffin..... (G. L. Wilson.)
9225	" " "	Boykins Alkaline Bone..	Baltimore.....
9224	" " "	Boykins Cereal Wheat Fertz.	Baltimore.....
9247	" " "	Boykins Diss. Animal Bone.	Baltimore.....
9415	" " "	Boykins Eagle Phosphate.	Baltimore.....
9223	" " "	Cerealite Top Dressing.	Baltimore.....
9222	" " "	Everybodys Ftz. for Wht., Grass & General Crops.	Baltimore.....
9246	" " "	H. G. Acid Phosphate..	Baltimore.....
9211	Joshua Horner, Jr., & Co., Balto., Md.	Ammon. Raw Bone Super Phos.	Baltimore.....
9233	" " "	Dissolved S. H. Bone Dust.	Baltimore.....
9230	" " "	S. H. Bone Dust.....	Baltimore.....
9283	W. H. Hood, Mt. Airy	Special Mixture.....	Mt. Airy.....
6317	M. P. Hubbard & Co., Balto., Md.	Celebrated Dissolved Bone Phos.	Baltimore.....
9361	" " "	Excelsior Bone Phosphate.	Baltimore.....
9226	" " "	Farmers' Old Economy..	Baltimore.....
9227	" " "	Harvest King for Wheat and Grass.	Baltimore.....

No.	NITROGEN Calculated as AMMONIA.		POTASH K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
9383	....	.....	1.58	1.00	1.82	8.99	9.00	10.81	10.00	$ 9.13	$ 8.40
9349	2.32	2.00	.....	.....	1.39	11.17	10.00	12.56	11.00	18.69	16.40
9350	5.50	3.00	.....	.....	.....	.....	.....	24.37	22.00	34.32	.....
9351	1.18	1.00	2.23	2.00	1.09	9.14	9.00	10.23	10.00	15.35	14.40
9348	2.34	2.50	3.57	3.00	1.38	8.58	8.00	9.96	9.00	19.72	18.90
9335	1.08	1.00	1.13	1.00	2.42	8.04	8.00	10.46	10.00	13.38	12.80
9334	1.09	1.00	2.06	2.00	2.09	8.75	8.00	10.84	9.00	14.92	13.40
9170	.....	.....	2.18	2.00	1.04	11.01	10.00	12. 05	.....	11.19	10.20
9225	.....	.....	2.11	2.00	0.85	10.57	10.00	11.42	.....	10.74	10.00
9224	2.40	2.00	2.78	2.00	1.06	8.20	8.00	9.26	9.00	18.60	16.40
9247	2.24	2.00	.....	.....	4.35	11.38	12.00	15.73	14.00	19.84	18.80
9415	0.68	1.00	1.49	1.00	1.47	8.08	8.00	9.55	9.00	10.28	12.40
9223	7.08	9.00	3.48	2.50	.....	.....	.....	.....	.....	20.47	.....
9222	1.14	1.00	2.62	2.00	1.47	8.55	9.00	10.02	10.00	15.18	14.40
9246	.....	.....	.....	.....	0.84	14.59	14.00	15.43	.....	11.67	11.20
9211	2.30	2.50	1.08	2.50	2.82	7.76	8.00	10.53	12.00	16.78	19.60
9233	2.69	2.50	.....	.....	6.22	9.01	13.00	15.23	16.00	19.57	21.70
9230	6.68	6.00	.....	.....	.....	.....	.....	20.16	20.00	32.76	.....
9283	1.08	1.00	3.12	2.00	1.90	9.23	9.00	11.13	.....	16.35	14.00
9317	1.96	2.00	2.97	2.00	1.49	10.11	9.00	11.60	.....	19.56	17.00
9361	1.08	1.00	1.94	1.50	2.23	9.68	8.00	11.91	9.50	15.75	13.10
9226	0.75	0.50	2.32	1.50	1.35	8.07	8.00	9.42	10.00	11.30	9.80
9227	1.30	1.50	2.04	1.50	1.79	10.33	9.00	12.12	10.50	16.99	15.60

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling. (and Sampler, when not the College.)
9379	M. P. Hubbard & Co., Baltimore, Md.	Havana Special for Tobacco.	Baltimore.....
9229	" " "	H. G. Soluble S. C. Phosphate.	Baltimore.....
9427	" " "	Raw Bone Meal	Baltimore .....
9238	" " "	Sol. Bone & Potash for W. and G.	Baltimore.....
9260	Hubbard Fertz. Co., Baltimore, Md.	Columbia Gem Phos	Taneytown .....
9430	" " "	Crescent Crop Producer	Canton.....
9343	" " "	Dissolved Bone.....	Canton.....
9418	" " "	Farmers' Superior I. X. L. Phos.	Baltimore.....
9262	" " "	H. G. Sol. Tenn. Phos...	Taneytown.....
9301	" " "	Oriental Phos. for Wheat and Grass.	Walkersville.....
9369	" " "	Royal Ensign for Early Market Vegetables	Canton.....
9335	" " "	Soluble Bone and Potash,	Hampstead .....
9261	" " "	Standard Bone Phosphate.	Taneytown.....
9537	" " "	Standard Bone Super Phos.	Baltimore.....
9344	" " "	Warranted Pure Raw Bone.	Baltimore... .....
9334	" " "	Wheat Growers Jewel...	Hampstead .....
9459	T. R. Hubbard & Son, Chestertown, Md.	Ground Bone.....	Chestertown.....
9457	" " "	Imperial.....	Rolphs .....
9458	" " "	Victor Phosphate.....	.....
9472	" " "	Victor Phosphate.....	.....
9405	C. M. Keedy, Keedysville, Md.	Money Saving Phosphate	Keedysville.....
9413	S. L. Lamberd & Co., Baltimore, Md.	H. G. Acid Phos.....	Baltimore.....
9340	Lister's Agr'l Chem. Co., Newark N. J.	Ammon. Dis. Bone Phos.	Baltimore .....

No.	NITROGEN Calculated as AMMONIA.		POTASH, KO.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
9379	2.42	2 50	2.05	2.50	2.59	11.04	9.00	13.63	.....	$ 21.39	$ 19.00.
9229	....	.....	....	.....	0.86	14.78	14.00	15.64	.....	11.82	11.20
9427	4.48	4.00	.....	.....	.....	.....	.....	20.08	45.00	28.44	.....
9228	.....	.....	2.51	2.00	0.89	10.68	10 00	11.57	12.00	11.25	10.40
9260	0.93	0.50	1.57	1.00	3.11	8.28	8.00	11.39	.....	11.60	8.90
9430	.. ..	.....	.....	.....	4.97	10.04	10.00	15.01	.....	8.03	8.00
9343	2.58	2.50	.....	.....	2.57	9.47	10 00	12.04	.....	18.24	17.50
9418	1.57	2.00	2.18	2 00	1.97	9.35	8.00	11.32	.....	17.03	16.00
9262	.....	.....	.....	.....	4.92	13.18	14.00	18.10	.....	10.54	11.20
9301	1.08	1.00	1.59	1.00	1.94	8.59	8.00	10.53	.....	14.19	12.00
9369	2.56	2.00	4.55	4.00	3.36	8.23	8.00	11.59	.....	21.80	18.00
9385	.....	.....	2.39	2.00	3.45	9.47	10.00	12.92	.....	10.66	10.00
9261	2.01	2.00	3.39	3.00	4.10	7.32	8.00	11.42	.....	18.38	17.00
9537	1.55	2.00	3.42	3.00	3.17	6.97	8.00	10.14	.....	16.31	17.00
9344	5.78	3.50	... .	.....	.....	.....	.....	22.77	.....	30.35	.....
9384	1.68	1.50	2.46	2.00	2.39	9.44	9.00	11.83	.....	17.90	15.50
9459	4.93	4.00	.....	.....	.....	.....	.....	20.20	40.00	26.55	.....
9457	1.58	1.50	3.11	2.50	1.60	10.91	9.00	12.51	.....	19.40	16.00
9458	1.19	1.00	1.49	1.00	4.35	8.09	8.00	12.44	.....	14.89	12.00
9472	1.75	1.00	2.50	3.00	1 21	8.73	8.00	9.94	.....	16.96	14.00
9405	1.47	1 50	4.32	3.00	2.78	8.68	.....	11.46	.....	18.52	.....
9413	.....	.....	.....	... .	2.30	13.75	14.00	16.05	15.00	11.00	11.20
9340	2.13	2.50	1.76	1.00	3.21	9.82	8.00	13.03	9.00	19.25	16.50

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling. (and Sampler, when not the College.)
9425	Lister's Agr'l Chem. Co., Newark N. J.	Animal Bone and Potash.	Baltimore
9339	" " "	Animal Bone and Potash.	Baltimore
9206	" " "	Cel. Ground Bone Acidulated.	Savage
9207	" " "	Standard Pure Bone Super Phos.	Savage
8911	" " "	Harvest Queen	Baltimore
9426	" " "	Special Crop Producer	Baltimore
9382	" " "	Special for Wheat	Savage
9380	Wm. McKenny, Centreville, Md.	No. 1 "D" Phosphate.	Canton
9451	" " "	McKenny's No. 1 "D" Phosphate.	Centreville
9381	" " "	McKenny's Compound	Canton
9452	" " "	McKenny's Compound	Centreville
9372	" " "	McKenny's Soluble Phos. No. 3.	Canton
9441	" " "	Soluble Phosphate No. 3.	Hillsboro
9313	Miller Fertz. Co., Baltimore, Md.	Ammon. Dissolved Bone.	Baltimore
9376	" " "	Clinch Phosphate	Canton
9257	" " "	Ground Bone	Baltimore
9213	" " "	Harvest Queen	Baltimore
9217	" " "	Hustler Phosphate	Baltimore
9214	" " "	S. C. Rock	Baltimore
9215	" " "	Standard Phosphate	Baltimore
9216	" " "	W. G. Phosphate	Baltimore
9203	F. Mehring, Bruceville, Md.	Acid Phosphate	Bruceville
9200	" " "	Dissolved Raw Bone	Bruceville

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value Per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
9425	.....	.....	2.87	2.00	1.45	9.75	10.00	11.20	11.00	$10.96	$10.20
9339	.....	.....	5.17	5.00	1.54	9.21	9.00	10.75	10.00	12.85	12.40
9206	3.24	3.25	.....	.....	9.96	6.69	.....	16.65	12.00	20.39	.....
9207	3.02	3.00	2.28	2.00	3.36	10.05	9.00	13.41	11.00	22.73	20.80
8911	1.74	1.50	1.80	2.00	3.55	9.30	9.00	12.85	11.00	17.74	16.30
9426	1.29	1.00	1.50	1.00	2.75	7.25	7.00	10.00	8.00	13.72	11.40
9382	1.13	2.00	2.64	2.00	2.86	8.34	8.00	11.20	.....	15.51	16.00
9380	2.03	2.00	2.51	2.50	1.35	8.15	7.00	9.50	.....	17.29	15.50
9451	2.41	2.00	2.79	4.00	1.32	8.01	7.00	9.33	.....	18.56	17.00
9381	1.58	1.50	2.26	1.75	1.03	10.05	10.00	11.08	.....	17.46	16.25
9452	1.78	1.50	2.61	1.75	2.90	8.87	10.00	11.77	.....	17.98	16.25
9372	0.52	0.30	1.72	1.02	0.81	12.07	12.00	12.88	.....	13.10	11.52
9441	0.51	0.30	1.81	1.82	0.71	12.27	12.00	12.98	.....	13.30	12.32
9313	1.96	2.00	2.32	2.00	1.50	8.95	8.00	10.45	10.00	17.75	16.80
9376	.....	.....	1.82	2.00	1.00	11.54	10.00	12.54	.....	11.25	10.00
9257	3.87	3.00	.....	.....	.....	.....	.....	23.37	30.00	28.08	.....
9213	1.52	1.25	2.54	2.25	1.10	11.02	10.00	12.12	11.50	18.56	16.60
9217	1.16	1.00	1.24	1.00	1.39	8.73	8.00	10.12	10.00	14.01	12.80
9214	.....	.....	.....	.....	0.33	14.75	14.00	15.08	.....	11.80	11.20
9215	2.93	3.00	4-10	3.00	1.66	8.05	8.00	9.71	10.00	21.60	20.80
9216	0.86	0.50	1.35	1.00	1.64	7.34	7.00	8.98	9.00	10.13	8.50
9203	.....	.....	.....	.....	2.44	16.87	15.00	19.31	16.00	13.50	12.00
9200	2.19	2.00	.....	.....	0.85	16.50	14.00	17.35	.....	23.41	20.40

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling. (and Sampler, when not the College.)
9403	F. Mehring, Bruceville, Md.	Emmert's Half and Half.	Williamsport.....
9201	" " "	General Crop Grower...	Bruceville.....
9202	" " "	Twenty Six Dollar Phosphate.	Bruceville..... ....
9359	G. R. Mowell, Glencoe, Md.	Dissolved S. C. Rock....	Canton.....
9437	W. C. Newport Co., Phila. Pa.	Acid Phosphate.....	Queen Anne.....
9439	" " "	No. 1 Bone Phosphate...	Queen Anne.....
9438	" " "	Fish, Bone and Potash..	Queen Anne.....
9436	" " "	Special Compound.....	Queen Anne.....
9258	G. Ober & Sons Co., Baltimore, Md.	Dissolved Bone Phosphate.	Baltimore.....
9397	" " "	Dissolved Animal Bone.	New Windsor.....
9316	" " "	Farmers' Mixture.....	Baltimore.....
9435	" " "	Farmers' Mixture.....	Easton.... .....
9480	" " "	Farmers' Mixture.	Easton..... (Walter S. Kirby.)
9319	" " "	Farmers' Stand. Am'd Phos.	Baltimore.....
9396	" " "	Independent Ammon. Super Phos.	New Windsor.....
9419	" " "	Pure Bone Meal.....	Baltimore.....
9473	" " "	Thawley's Special Wheat Formula No. 1.	Canton.....
9453	" " "	Thawley's Special Wheat Formula No. 1.	Centreville.....
9454	" " "	Dissolved Bone Phos. and Potash.	Centreville.....
9259	Patapsco Guano Co., Baltimore, Md.	Coon Brand Guano.....	Baltimore.....
9373	" " "	Baltimore Soluble Phos..	Baltimore.....
9243	" " "	Dissolved Raw Bone....	Canton.....
9566	" " "	Dissolved S. C. Rock....	Cambridge..... ...

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found	Available		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
9403	1.12	1.00	.....	.....	2.76	15.08	14.00	17.84	15.00	$19.54	$17.40
9201	1.01	0.75	1.15	1.00	4.12	12.04	11.00	16.16	12.00	17.87	12.25
9202	1.65	1.25	1.16	1.00	4.20	12.57	12.00	16.77	13.00	20.36	17.15
9359	.....	.....	.....	.....	1.80	13.60	14.00	15.40	15.00	10.88	11.20
9437	.....	.....	.....	.....	2.00	12.56	14.00	14.56	15.00	10.05	11.20
9439	2.02	2.00	3.03	2.00	2.50	12.91	8.00	15.41	10.00	23.61	16.80
9438	1.84	2.00	4.67	5.00	3.50	12.83	7.00	16.33	9.00	24.75	18.80
9436	1.28	1.25	5.70	2.00	3.98	13.13	10.00	17.11	15.00	24.26	17.75
9258	.....	.....	.....	.....	0.91	16.13	14.00	17.04	.....	12.90	11.20
9397	3.01	3.00	.....	.....	3.59	10.89	10.00	14.48	.....	21.36	19.00
9316	1.22	1.00	2.00	2.00	0.70	11.02	9.00	11.72	.....	16.96	14.00
9435	1.21	1.00	2.11	2.00	1.38	10.19	9.00	11.57	.....	16.48	14.00
9480	1.44	1.00	2.19	2.00	1.26	10.37	9.00	11.63	.....	17.38	14.00
9319	2.17	2.00	2.34	2.00	1.05	11.04	9.00	12.09	.....	20.31	17.00
9396	1.02	1.00	1.02	1.00	1.00	10.62	8.00	11.62	.....	15.10	12.00
9419	2.77	3.00	.....	.....	.....	.....	.....	26.26	22.00	30.78	.....
9473	1.70	0.75	2.82	2.00	3.82	9.06	9.00	12.88	.....	18.51	11.45
9453	1.32	0.75	2.02	2.00	0.84	10.76	9.00	11.60	.....	17.08	11.45
9454	.....	.....	2.27	2.00	0.24	12.55	11.00	12.79	.....	12.34	10.80
9259	1.15	1.00	2.94	3.00	0.79	9.41	9.00	10.20	.....	16.12	15.00
9373	.....	.....	1.87	2.00	0.48	10.98	10.00	11.46	.....	10.75	10.00
9243	2.69	2.50	.....	.....	2.22	12.11	12.00	14.33	.....	21.07	19.90
9566	....	.....	.....	.....	0.71	15.54	14.00	16.25	.....	12.43	11.20

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling. (and Sampler, when not the College.)
9414	Patapsco Guano Co., Baltimore, Md.	Genuine German Kainit..	Canton .....
9242	" " "	Grain & Grass Producer.	Canton.....
9424	" " "	Grange Mixture.....	Baltimore.....
9421	" " "	Woodall's H.G. Bone and Potash.	Baltimore .....
9412	" " "	H. G. Bone and Potash ..	Baltimore .....
9352	" " "	Pure Dis. S. C. Bone.....	Canton.....
9402	" " "	Pure Ground Bone.....	Cavetown.....
9221	" " "	Sea Gull.....	Canton.....
9370	" " "	Sol. Bone and Potash.....	Baltimore .....
9244	" " "	Special Wheat Com.....	Canton.....
9468	" " "	Woodall's Dis. Bone and Potash	Georgetown.....
9467	" " "	Woodall's H. G. Bone and Potash	Georgetown.....
9393	Pearre & Clemson, Union Bridge	No. 1 Bone Phosphate.....	Union Bridge.....
9391	" " "	Farmers Choice.....	Union Bridge .....
9392	" " "	Union Bridge Favorite	Union Bridge.....
9475	Pied -Mt. Airy Guano Co. Baltimore, Md.	Champion.....	Baltimore.....
9357	" " "	H. G. S. C. Bone.....	Canton.....
9308	" " "	Insula Guano for all Crops.	Walkersville.....
9353	" " "	Levering's Excelsior....	Canton.....
9356	" " "	Levering's Standard ..	Baltimore.....
9355	" " "	Pure Raw Bone Mixture	Canton .....
9209	" " "	Royal Ammon. Bone and Potash.	Baltimore.....
9306	" " "	Royal Ammon. Bone and Potash	Walkersville.....

No.	NITROGEN Calculated as AMMONIA.		POTASH K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed		Found.	Guaranteed.	Found.	Guaranteed.		
9414	.....	.....	13.03	12.00	.....	.....	.....	....	.....	$	$.....
9242	1.11	1 00	4.01	4.00	1.13	8.23	8.00	9.36	.....	16.02	15.00
9424	2.12	2.00	2.11	2 00	0.97	8.98	10.00	9.95	.....	17.84	18.00
9421	.....	.....	5.45	5 00	0.32	10.91	11.00	11.23	12.00	14.24	14.00
9412	.....	.... ..	4.83	5.00	0.40	11.92	11.00	12.32	12.00	14.45	14.00
9352	.....	.....	....	.....	0.43	15.49	14.00	15.92	.....	12.39	11.20
9402	4.52	4.50	. ..	.....	....	.....	.....	21.37	20.62	23.96	.....
9221	1.24	1 00	1.27	1.00	1.24	8.04	8.00	9.28	.....	13.53	12.00
9370	.....	.....	1.98	2.00	0.44	10.84	10.00	11.28	.....	10.74	10.00
9244	2.39	2 50	2.85	2.50	2.02	11.07	9.00	13.09	14.00	21.90	21.00
9468	.....	.....	2.23	2.00	0.71	10.72	10.00	11.43	11.00	10.95	10.20
9467	....	.....	5.12	5.00	0.39	11.24	11.00	11.63	12.00	14.19	14.00
9393	1.38	1.50	1.80	1.75	6.96	8.57	8.50	15.53	9.50	17.29	15.15
9391	0.40	0.37	2.17	1.87	2.11	10.28	9.00	12.39	10.00	12.01	10.38
9392	0.63	0.75	2.81	2.25	3.59	8.16	8.50	11.77	9.50	11.95	11.50
9475	.....	.....	5.13	5.00	2.47	9.25	10.00	11.72	.....	13.02	13.00
9357	.....	.....	.....	.....	0.32	14.10	14.00	14.42	15.00	11.28	11.20
9308	1.01	0.37	1.37	1.00	2.39	7.26	7.00	9.65	.....	12.62	7.71
9353	1.28	1.00	2.32	1.00	1.97	7.98	8.00	9.95	.....	14.93	12.00
9356	1.93	2.00	3.18	3.00	2.84	8.35	8.00	11.19	.....	18.46	17.00
9355	1.52	1.25	1.91	1.50	5.57	7.65	8.00	13.22	.....	16.35	13.25
9209	1.42	1.30	3.35	3.00	2.89	6.34	6.00	9.23	.....	15.11	12.90
9306	1.39	1.30	3.27	3.00	2.90	5.43	6.00	8.33	.....	14.03	12.90

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling. (and Sampler when not the College.)
9481	Pied.-Mt. Airy Guano Co., Balto., Md.	Rock and Potash.....	Greensboro..... (W. E. Orrell.)
9309	" " "	Soluble Bone Potash....	Walkersville.....
9428	R. H. Pollock, Balto., Md.	Accomac Trucker.....	Baltimore.....
9238	" " "	Ammon. Bone Phos.....	Canton.....
9279	" " "	Corn and Tomato Fertz	Mt. Airy.....
9239	" " "	Dissolved Animal Bone.	Canton.....
9210	" " "	Dissolved S. C. Bone.....	Baltimore.....
9205	" " "	Hammond's Ammon. Bone Phos.	Walkersville.....
9517	" " "	Hammond's Ammon. Phos.	Libertytown..... (Milton Carter.)
9204	" " "	Hammond's Standard Phos.	Walkersville.....
9471	" " "	Owl Brand Guano.....	Baltimore.....
9240	" " "	Soft Ground Bone.....	Canton.....
9241	" " "	Special Wheat Grower..	Canton.....
9336	" " "	Victor Phosphate.....	Canton.....
9253	W. S. Powell & Co., Balto., Md.	Dissolved S. C. Bone....	Baltimore.....
9280	Ramsburg Fertz. Co., Frederick, Md.	Alkaline Phosphate.....	Mt. Airy.....
8923	" " "	Ammon. Bone Phosphate.	Clarksburg..... (S. A. Mossburg.)
9291	" " "	Ammon. Bone Phosphate.	Monrovia .....
9282	" " "	Dissolved Bone Super Phos.	Mt. Airy.....
8281	" " "	Excelsior Plant Food....	Mt. Airy.....
9297	" " "	Excelsior Half and Half.	Frederick .....
9163	" " "	Fish Scrap.....	Tuscarora..... (J. N. White & Bro.)
9164	" " "	Muriate of Potash.....	Tuscarora..... (J. N. White & Bro.)

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
9481	.....	.....	3.48	3.00	1.07	11.20	12.00	12.27	.....	$12.65	$12.60
9309	.....	.....	3.08	2.00	0.77	6.10	8.00	6.87	.....	8.11	8.40
9428	4.14	5.00	5.29	5.00	1.65	7.52	8.00	9.17	9.00	25.89	28.40
9238	2.14	2.00	2.35	2.00	1.41	8.32	10.00	9.73	11.00	17.65	18.40
9279	1.12	1.00	2.29	2.00	1.13	8.36	7.00	9.49	8.00	14.46	12.40
9239	2.32	2.50	.. .	.....	1.85	11.47	12.00	13.32	.....	19.17	19.50
9210	.....	.....	.....	.....	0.85	14.62	14.00	15.47	15.00	11.70	11.20
9205	0.65	0.50	1.32	1.00	3.10	7.47	8.00	10.57	9.00	9.87	9.10
9517	0.59	0.50	2.92	1.00	3.29	6.73	8.00	10.02	9.00	10.73	9.10
9204	1.48	2.00	2.28	2.00	4.50	6.84	10.00	11.34	11.00	15.36	18.40
9471	0.28	0 50	2.64	1.50	0.69	8.06	7.00	8.75	8.00	11.57	8.80
9240	3.11	3.00	....	.....	9.65	5.49	14.00	15.14	.....	18.68	23.00
9241	1.27	1.00	2.21	2.00	1.11	9.24	8.00	10.35	9.00	15.70	13.40
9336	.....	.....	1.27	2.00	0.88	10.07	9.00	10.95	10.00	9.51	9.40
9253	.....	.....	.....	.. ....	1.09	14.04	14 00	15.13	16 00	11.22	11.20
9280	....	.....	2.19	2.00	3.01	10.04	10.00	13.05	12.00	10.82	10.40
8923	1.01	1.00	1.26	2.00	1.83	12.31	10.00	14.14	12.00	17.33	15.40
9291	1.00	1.00	2.05	2.00	3.67	8.77	10.00	12.44	12.00	15.29	15.40
9282	.....	.. ....	....	.....	3.35	14.05	14.00	17.40	16.00	11.24	11.20
9281	1.72	2.25	2.02	2.00	3.69	9.84	9 00	13.53	.....	18.50	17.75
9297	0.94	1.00	1.02	1.00	3.08	11.72	10.00	14.80	12.00	16.79	14.80
9163	10.13	10.00	7.07	.....	....	.....	.....	.....	.....	28.55	.....
9164	.....	.. ....	50.70	.....	.....	....	.....	.....	.....	.....	.....

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling. (and Sampler when not the College.)
9165	Ramsburg Fertz. Co., Frederick, Md.	Nitrate of Soda.....	Tuscarora..... (J. N. White & Bro.)
9264	" " "	Old Va. Compound.....	Silver Springs.....
9268	Rasin Monumental Co., Balto. Md.	Rasin's Acid Phosphate.	Ellicott City.....
9411	" " "	Rasin's Alkaline Phos...	Cumberland.....
9248	" " "	Ammon. Alkaline Phosphate.	Baltimore.....
9432	" " "	Rasin's Ammon. Super Phos.	Baltimore.....
9250	" " "	Rasin's Bone and Potash Fertz.	Baltimore.....
9360	" " "	Rasin's Cataract Bone...	Baltimore.....
9251	" " "	Rasin's Dissolved Bone..	Baltimore.....
9270	" " "	Rasin's Dissolved Bone..	Ellicott City.....
9252	" " "	Rasin's Empire Guano..	Baltimore.....
9269	" " "	Ground Bone.....	Ellicott City.....
9249	" " "	I. X. L. Fertilizer.....	Baltimore.....
9276	" " "	Mon. Soluble Bone Phosphate and Potash.	Sykesville.....
9431	" " "	Special Bone and Potash Fertz	Baltimore.....
9470	" " "	Special Bone and Potash Fertz.	Baltimore.....
9255	Henry Reckord Mf'g. Co. Belair, Md.	Animal Bone Phos.....	Canton.....
9256	" " "	Dissolved S. C. Bone....	Canton.....
9254	" " "	Farmer's Mixture.....	Canton.....
9315	" " "	Special Compound	Canton.....
9544	" " "	Fine Ground S. H. Bone.	Fallston.....
9474	Walter P. Reckord, Belair, Md.	Reckord's Special Compound.	Baltimore.....
9395	W. G. Rinehart, Union Bridge, Md.	No. 2 Bone Phosphate...	Union Bridge.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
9165	18.84	.....	.....	.....	.....	.....	.....	.....	.....	$.....	$.....
9264	1.54	1.50	2.32	2.00	4.60	8.14	9.00	12.74	11.00	16.92	16.30
9268	....	.....	.....	.....	1.72	14.15	14.00	15.87	.....	11.32	11.20
9411	1.26	2.00	1.01	1.00	1.85	9.94	8.00	11.79	.....	15.47	15.00
9248	1.47	2.00	1.41	1.00	1.20	8.59	8.00	9.79	9.00	14.89	15.40
9432	1.24	1.00	1.23	1.00	0.48	8.88	8.00	9.36	.....	14.02	12.00
9250	.....	.....	1.54	2.00	3.07	9.28	10.00	12.35	11.00	9.57	10.20
9360	.....	.....	2.25	3.00	1.90	12.20	13 00	14.10	.....	12.39	13.40
9251	2.37	2.00	.....	.....	3.81	10.33	10.00	14.14	11.50	18.96	16.60
9270	1.96	2.00	....	.....	4.87	10.91	10 00	15.78	.....	18.74	16.00
9252	2.08	2.00	2.31	2.00	1.69	8.50	8.00	10.19	9.00	17.73	16.40
9269	2.83	3.00	.....	.....	.....	.....	.....	25.58	45.00	30.75	.....
9249	1.02	1.00	3.45	3.00	1.29	9.93	8.00	11.22	9.00	16.96	14.40
9276	.....	.....	1.05	2.00	2.75	9.54	10.00	12.29	.....	9.23	10.00
9431	.....	....	4.25	5.00	2.90	12.05	12.00	14.95	.....	14.47	14.60
9470	.....	.....	2.63	3.00	1.16	13.05	12.00	14.21	.....	13.07	12.60
9255	1.14	1.00	2.39	2.00	1.71	8.08	9.00	9.79	.....	14.57	14.00
9256	.....	.....	.....	.....	1.29	14.14	14.00	15.43	.....	11.31	11.20
9254	1.30	1.00	1.37	1.00	1.13	8.08	7.00	9.21	.....	13.80	11.00
9315	2.10	2.00	2.57	2.00	1.10	8.52	9.00	9.62	.....	17.83	17.00
9544	1.02	3.50	.....	.....	.....	.....	.....	22.04	20.00	22.49	.....
9474	1.27	1.00	1.87	2.00	1.15	9.67	9 00	10.82	.....	15.81	14.00
9395	2.42	1.55	2.29	2.50	2.72	9.21	8 27	11.93	.....	19.85	15.42

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling. (and Sampler, when not the College.)
9394	W. G. Rinehart, Union Bridge, Md.	No. 3 Bone Phosphate..	Union Bridge.. ....
9386	Isaac Robinson Co., Baltimore, Md.	H. G. Soluble Phosphate	Mt. Airy... .....
9388	" " "	Peerless Potash.....	Mt. Airy.....
9387	" " "	Potashed Bone.....	Mt. Airy.....
9314	" " "	Pure Dissolved Bone....	Baltimore.....
9385	" " "	Special Wheat and Grass Phosphate.	Mt. Airy.....
9390	" " "	Standard Dissolved Bone Phosphate.	Mt. Airy.....
9323	W. E. Robinson, Bel Air. Md.	Grain and Fruit Fertilizer	Fallston.....
9322	" " "	Wheat Fertilizer.....	Fallston..... ...
9324	" " "	Vegetable Fertilizer.....	Fallston.....
9330	Scott Fertz. Co, Elkton, Md.	Elk Head Super Phos...	Rising Sun.....
9333	" " "	Pure Ground Raw Bone	Elkton.....
9332	" " "	Standard Phosphate.....	Elkton... .....
9328	" " "	Sure Growth Super Phos.	Rising Sun.....
9326	" " "	Tip-Top Soluble Bone...	Rising Sun.....
9327	" " "	Wheat and Grass Grower	Rising Sun.....
9329	" " "	Tip-Top and Potash.....	Rising Sun.....
9386	Chas. Schaeffer, Westminster, Md.	Big Gun.....	Westminster.....
9387	" " "	Governor.....	Westminster.....
9368	" " "	H. G Acid Phos. or Dis. S. C. Rock.	Canton.....
9388	" " "	Leader.....	Westminster.....
9389	" " "	Super A.....	Westminster.....
9420	Smith, Rouse & Webster, Bel Air, Md.	Pure Dissolved Bone....	Baltimore.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
9394	1.30	0.75	2.41	3.21	1.98	8.59	8.09	10.57	.....	$15.67	$11.93
9286	.....	.....	.....	.....	3.05	13.68	14.00	16.73	.....	10.94	11.20
9283	0.55	0.50	1.66	1.50	2.27	8.33	8.00	10.60	10.00	10.42	9.80
9287	.....	.....	2.08	2.00	2.20	10.02	10.00	12.22	12.00	10.54	10.40
9314	1.94	2.50	....	.....	2.69	12.15	11.00	14.84	14 00	19.05	19.70
9289	1.88	2 00	2.14	2.00	1.99	9.21	8.50	11.20	11.00	17.79	17.50
9290	1.01	1.00	1.89	2.00	1.79	10.65	10.00	12.44	.....	16.29	15.40
9323	....	.....	2.01	2.00	0.98	10.66	10.00	11.64	.....	10.74	10.00
9322	2 02	2 00	2.35	2.00	1.24	8.56	8.00	9.80	.....	17.47	16.00
9324	2.13	2.00	2.25	2.00	1.32	8.57	9.00	9.89	.....	17.74	17.00
9330	1.36	1.00	1.31	1.00	5.09	9.56	9.00	14.65	10.00	16.99	13.40
9333	5.28	4.00	.....	.....	...	...	.....	22.43	22.00	28.97	.....
9332	1.70	1.50	2.81	2.00	3.80	7.76	8.00	11.56	10.00	17.19	14.50
9328	1.88	2.00	2.20	2.00	2.58	12.05	10.00	14.63	12.00	20.92	18.80
9326	...	.....	.....	.....	2.31	14.99	14.00	17.30	.....	11.99	11.20
9327	0.59	0.50	2.28	2.00	3.55	10.80	10.00	14.35	12.00	13.40	11.90
9329	.....	.....	2.08	2.00	2.69	12.98	11.00	15.67	.....	13.00	10.80
9386	2.21	2.00	2.49	2.00	2.60	9.67	10.00	12.27	.....	19.83	18.00
9387	1.84	1.50	2.58	2.25	1.36	9.13	9.00	10.49	.....	17.77	15.75
9368	.....	.. ....	.....	.....	1.01	15.09	14.00	16.10	.....	12.07	11.20
9388	1.05	1.00	1.74	1.50	1.21	8.82	8.00	10.03	.....	14.19	12.50
9389	0.97	0.75	1.43	1.00	1.65	7.97	8.00	9.62	9.00	11.05	9.85
9420	2.68	2.50	.....	.....	2.45	11.81	12.00	14.26	14.00	20.83	20.30

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling. (and Sampler when not the College.)
8921	Southern Fertz. Co., York, Pa.	Ammon. Dis. Bone.....	Clarksburg..... (Jas. E. Day).
9208	" " "	Ammon. Dis. Bone.....	Canton .....
9179	" " "	Dissolved Bone.....	Forest Hill..... (H. A. Whitaky).
9234	" " "	Dissolved Bone Phos....	Canton.....
9364	" " "	Farmers' Choice Brand..	Canton.....
9178	" " "	Ground Bone.....	Forest Hill..... (A. B Twining),
9347	" " "	Pure Ground Bone.....	Baltimore.....
9390	G. W. Stocksdale, Thurmont, Md.	Ammoniated Super Phos.	Thurmont .....
9400	J. W. Stonekbraer, Hagerstown, Md.	Bone Meal.....	Hagerstown .....
9341	" " "	Stonebraker's Special....	Canton.....
9401	" " "	Standard.....	Hagerstown.....
9399	H. S. Stouffer, New Windsor, Md.	Butcher House Phos.....	New Windsor.....
9237	W. H. Street & Co., Baltimore, Md.	Ammon. Dis. Bone.....	Baltimore.....
9321	" " "	S. C. Rock.....	Fallston.....
9362	" "	Special Crop Grower ...	Baltimore.....
9292	J. W. Sullivan, Monrovia, Md.	Ammon. Bone Fertz. for Wheat and Grass.	Monrovia.....
9466	Turner & Son, Betterton Md.	"B" Bone Phosphate....	Betterton.....
9265	E. A. Talbott, Ellicott City, Md.	Ammon. Bone Phos.....	Ellicott City.....
9267	" " "	Grain and Grass Grower.	Ellicott City.....
9375	H. S. Taveau & Co., Baltimore, Md.	Bone Mixture.....	Baltimore.....
9345	" " " "	Dissolved S. C. Bone....	Canton.....
9416	" " " "	Raw Bone Meal.....	Canton.....
9378	" " " "	Special Wheat Mixture..	Baltimore.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value Per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
8921	2.06	2.00	2.89	2.50	1.12	9.81	10.00	10.93	.....	$19.33	$18.50
9208	2.19	2.00	2.93	2.50	1.27	9.66	10.00	10.93	.....	19.67	18.50
9179	2.18	2.00	.9 2	2.50	1.32	9.58	10.00	10.90	.....	19.57	18.50
9234	.....	.....	....	.....	1.16	14.26	14.00	15.42	.....	11.41	11.20
9364	1.03	1.00	1.91	2.00	2.05	10.19	9.00	12.24	.....	16.01	14.00
9178	4.49	4.00	.....	.....	.....	.....	.....	20.30	... .	28.60	.....
9347	4.24	4.00	.....	.....	.....	.....	.....	20.02	40.00	27.00	.....
9390	1.02	1.00	2.43	2.50	0.84	11.36	9.00	12.20	.....	17.19	14.50
9400	4.88	4.50	.....	.....	.. .	.....	.....	20.11	20.00	30.42	.....
9341	2.30	2.50	4.20	4.00	3.17	10.29	11.00	13.46	.....	22.66	22.50
9401	1.64	1.25	3.13	3.00	1.34	9.13	9.00	10.47	.....	17.72	15.75
9399	1.52	0.75	6.51	2.50	3.57	7.85	8.00	11.42	9.00	20.35	11.35
9237	1.87	1.50	2.49	2.00	1.69	9.27	9.00	10.96	10.00	18.05	15.90
9321	.....	.....	.....	.....	0.66	14.93	14.00	15.59	.....	11.94	11.20
9362	1.40	1.00	0.95	1.00	2.18	8.66	8.00	10.84	10.00	14.68	12.80
9292	1.82	1.00	1.72	1.00	2.88	9.06	8.00	11.94	9.20	17.73	12.48
9466	2.24	1.75	3.22	2.50	1.06	10.98	10.00	12.04	.....	21.34	17.25
9265	1.04	1.00	2.60	2.00	2.30	8.46	8.00	10.76	10.00	15.10	13.80
9267	2.35	2.00	3.18	3.00	2.50	8.74	9.00	11.24	10.00	19.97	18.40
9375	1.38	1.25	3.37	2.50	1.12	9.04	10.00	10.26	.....	17.00	16.25
9345	.....	.....	.....	.....	2.07	13.15	14.00	15.22	.....	10.52	11.20
9416	4.53	4.50	.....	.....	.....	.....	.....	20.71	45.00	27.50	.....
9378	.....	.....	2.89	2.50	0.83	11.00	10.00	11.83	11.00	11.86	10.70

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling. (and Sampler, when not the College.)
9417	H. S. Taveau & Co., Baltimore, Md.	Wheat and Grass Compound	Canton.....
9409	D. A. Thomas, Hagerstown, Md.	Bone Mixture.....	Charlton.....
9588	" " "	Dissolved Bone	Hagerstown.....
9408	" " "	Farmers' Mixture	Hagerstown.....
9406	" " "	Fine Raw Bone.....	Hagerstown.....
9404	" " "	Soluble Bone and Potash	Downsville.... ....
9410	I. P. Thomas & Sons Co., Philadelphia, Pa.	S. C. Phosphate.....	Hancock.....
9443	Wm. B. Tilghman & Co., Salisbury, Md.	Bone Tankage Mixture..	Salisbury.....
9442	" " "	Fish Mixture.....	Salisbury.....
9444	" " "	Fish, Bone and Potash Mixt.	Salisbury.....
9445	" " "	Mixture "B".....	Salisbury.....
9293	J. Tyson & Son, Frederick, Md.	Ammon. Super Phos....	Frederick.....
9295	" " "	Dissolved South Carolina	Frederick.....
9173	" " "	Special Mixture.....	Yellow Spring..... (G. E. McLane.)
9358	" " "	Dissolved South Carolina	Baltimore.....
9299	" " "	Half-and-Half Phosphate	Frederick.....
9294	" " "	Special Mixture.....	Frederick.....
9284	Va.-Carolina Chem. Co., Richmond, Va.	Dissolved Bone	Mt. Airy.. .....
9273	" " "	Guaranteed 14 per cent. Acid Phosphate.	Sykesville.....
9285	" " "	H. G. Ammon. Bone.....	Mt. Airy.....
9272	" " "	Special Formula.....	Sykesville .....
9476	" " "	Special Mixture Bone and Potash.	Bartholow's..... (C. C. Ridgely).
9162	" " "	Special Bone and Potash	Mt. Airy..... (John Clay).

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
9417	.....	.....	2.05	2.50	1.30	11.70	11.00	13.00	.....	$11.67	$11.30
9409	2.16	2.00	2.24	2.00	1.56	10.48	10.00	12.04	.....	19.82	18.00
9588	2.84	2.50	4.59	4.00	1.42	10.06	10.00	11.48	.....	23.74	21.50
9408	1.80	1.50	2.08	1.50	2.19	8.60	8.00	10.79	.....	16.96	14.00
9406	4.75	4.50	.....	.....	.....	.....	.....	23.55	.....	31.50	.....
9404	.....	.....	1.47	2.50	1.82	12.58	11.00	14.40	.....	11.89	11.30
9410	.....	.....	.....	.....	1.64	15.36	14.00	17.00	16.00	12.29	11.20
9443	2.39	2.50	2.38	2.00	2.79	9.91	6.00	12.70	10.00	20.58	15.50
9442	2.13	3.00	2.35	2.00	2.84	9.72	7.00	12.56	9.00	19.60	18.80
9444	1.04	1.00	1.34	2.00	0.40	13.06	10.00	13.46	.....	17.68	15.00
9445	4.08	4.00	3.03	3.00	1.59	8.32	8.00	9.91	.....	24.23	23.00
9293	1.43	1.75	1.84	2.00	2.75	8.67	12.00	11.42	.....	15.90	19.25
9295	.....	.....	.....	.....	0.60	15.60	14.00	16.20	.....	12.48	11.20
9173	0.96	1.00	2.07	1.00	1.70	9.13	8.00	10.83	.....	14.76	12.00
9358	.....	.....	.....	.....	0.66	15.04	14.00	15.70	.....	12.03	11.20
9299	1.00	1.25	2.04	1.00	2.42	9.54	12.00	11.96	.....	15.55	16.75
9294	1.12	1.00	1.21	1.00	2.19	9.56	8.00	11.75	.....	15.01	12.00
9284	2.29	2.00	.....	.....	3.81	10.47	10.00	14.28	.....	18.86	16.00
9273	.....	.....	.....	.....	2.29	14.43	14.00	16.72	.....	11.54	11.20
9285	1.53	2.00	2.13	2.00	2.58	10.29	10.00	12.87	.....	18.04	18.00
9272	0.72	0.50	1.23	1.00	1.29	8.28	8.00	9.57	.....	10.27	8.90
9476	.....	.....	3.24	3.00	3.10	11.22	12.00	14.32	.....	12.83	12.60
9162	.....	.....	3.03	3.00	3.20	11.73	12.00	14.93	.....	13.05	12.60

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling. (and Sampler when not the College.)
9274	Va.-Carolina Chem. Co., Richmond Va.	Standard Bone and Potash	Sykesville.....
9275	W. H. Warfield & Co., Sykesville, Md.	Special Wheat and Grass Mixture.	Sykesville.....
9448	S. L. Webster & Son, Cambridge, Md.	Acid Phosphate Rock....	Cambridge.....
9440	" " "	Ammon. Bone Phosphate No. 2.	Hillsboro.....
9450	" " "	Bone and Potash.....	Cambridge.....
9447	" " "	Old Dorset.....	Cambridge.....
9446	" " "	Times Brand.....	Cambridge.....
9365	R. A. Wooldridge, Baltimore, Md.	Champion Giant Phos....	Canton.....
9320	" " "	Chieftain Bone Phos.....	Baltimore.....
9235	" " "	Florida Acid Phos.....	Baltimore.....
9236	" " "	German Potash Mixture	Baltimore.....
9331	" " "	Triumph Pure Bone Super Phos.	Port Deposit.....
9569	" " "	Liberty Bell Potash Mixture	Canton.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
9274	.....	.....	1.31	2.00	3.25	9.27	10.00	12.52	.....	$ 9.38	$10.00
9275	0.75	1.00	1.14	1.00	1.47	8.10	8.00	9.57	.....	10.16	12.40
9448	.....	.....	....	.....	1.05	15.65	14.00	16.70	.....	12.52	11.20
9440	2.60	2.00	2.17	2 00	1.33	8.34	8.00	9.67	.....	18.84	16.00
9450	....	.....	1.80	2.00	0.86	12.01	10 00	12.87	.....	11.58	10.00
9447	0.61	0.50	4.13	4.00	0.71	10.14	10.00	10.85	.....	14.21	13.50
9446	0.34	0.50	3.35	3.00	0.77	9.60	10.00	10.37	.....	12.20	12.20
9365	1.28	1.00	2.36	2.00	1.23	9.28	9.00	10.51	10.00	15.97	14.60
9320	2.13	2.00	2.29	2.00	1.26	8.32	8.00	9.58	.....	17.50	16.00
9235	.....	.....	.....	.....	0.69	14.48	14.00	15.17	.....	11.58	11.20
9236	.....	.....	2.11	2.00	0 38	10.47	10.00	10.85	11.00	10.57	10.20
9331	1.68	1.50	4.14	4.00	1.35	8.49	8.00	9.84	10.00	18.21	17.30
9569	.....	.....	2.53	3.00	0.52	12.25	12.00	12.77	13.00	12.25	12.80

Table Showing Mechanical Analysis of Ground Bone.

(The Chemical Analysis is Given in Preceding Table.)

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Fine Less than 1-50 inch.	Fine-Medium 1-25 to 1-50 inch.	Medium 1-25 to 1-12 inch.	Coarse Larger than 1-12 inch
8931	American Agricultural Chemical Co., New York.	Fine Ground Bone	67	20	12	1
9141	" " " "	Fine Ground Bone	47	23	25	5
9024	" " " "	Pure Ground Bone	35	22	28	15
8952	Armour Fert'z. Works, Baltimore, Md.	Raw Bone Meal	66	20	10	4
8904	Baugh & Sons' Co., Baltimore, Md.	Bone Meal	49	35	16	0
9563	C. E. Bond, Spencerville, Md.	Pure Raw Bone	36	22	38	12
8940	Jos. L. Bullock, Baltimore, Md.	Pure Ground Raw Bone	35	25	37	3
9089	Griffith & Boyd, Baltimore, Md.	Pure Fine Ground Bone Meal.	30	27	30	13
9122	Griffith & Turner Co., Baltimore, Md.	Soft Ground Bone	70	18	10	2
9350	Hanway & Keen, Belair, Md.	Ground Bone	51	23	24	2
9230	Joshua Horner, Jr. Balto., Md.	Slaughter-House Bone Dust	40	29	31	0
9344	Hubbard Fert'z Co., Baltimore, Md.	Warranted Pure Raw Bone	34	21	31	14
9427	M. P. Hubbard & Co., Baltimore, Md.	Raw Bone Meal	52	24	24	0
9459	T. R. Hubbard & Son, Chestertown, Md.	Ground Bone	32	21	38	9
9257	Miller Fertilizer Co., Baltimore, Md.	Ground Bone	41	25	29	5
9419	G. Ober & Sons' Co., Baltimore, Md.	Pure Bone Meal	63	23	14	0
9402	Patapsco Guano Co.	Pure Ground Bone	23	18	29	30
9240	R. H. Pollock, Baltimore, Md.	Soft Ground Bone	57	17	20	6
9269	Rasin Monumental Co., Baltimore, Md.	Ground Bone	68	20	12	0
9544	Henry Reckord Mfg. Co., Bel-Air, Md.	Fine Ground Sir-House Bone	65	19	16	0
9490	J. W. Stonebraker & Son, Hagerstown, Md.	Bone Meal	56	32	12	0
9178	Southern Fertilizer Co., York, Pa.	Ground Bone	58	20	13	9
9347	Southern Fertilizer Co., York, Pa.	Pure Ground Bone	51	20	21	8
9416	H. S. Taveau & Co., Baltimore, Md.	Raw Bone Meal	42	23	29	6
9406	D. A Thomas, Hagerstown, Md.	Fine Raw Bone	46	27	27	0

SUPPLEMENTARY LIST OF FERTILIZERS LICENSED FOR SALE IN MARYLAND.

(Corrected Jan. 29, 1902).

AMERICAN AGRICULTURAL CHEMICAL CO.
- Lazaretto H. G. Diss. Bone Phos. and Potash.
- Nickerson's Eastern Shore Mixture.
- Packer's Union Universal Fertilizer.
- " " American Wheat and Rye Grower.
- " " Banner Wheat Grower.
- " " Acidulated Bone.
- Williams & Clark's Nickerson's Formula.
- " " Dissolved Bone and Potash.
- " " Wheat Grower.
- " " Special No. 2.

ARMOUR FERTILIZER WORKS.
- Celebrated Fertilizer. (Thos. L. Hays).

BALTIMORE PULVERIZING CO.
- Excelsior Fertilizer.
- Farmer's Favorite Fertilizer.
- Special Spring and Fall Mixture.

F. P. COVEY, FEDERALSBURG, MD.
- Standard Bone Phosphate.

E. F. COE & CO., 135 FRONT ST., N. Y.
- XXV Ammoniated Super Phosphate.
- Bone and Potash.
- Soluble Bone.

W. H. DORSEY, ELLICOTT CITY, MD.
- Mixture "D" Phosphate.

EUREKA FERTILIZER CO., PERRYVILLE, MD.
- Grain and Grass Mixture.

FARMER'S AND PLANTER'S CO., SALISBURY, MD.
- Trucker's Mixture.
- Special Fish Mixture.
- Fish Mixture.
- General Crop Grower.
- Special Wheat Mixture.

GRIFFITH, TURNER CO.
- Special Mixture.

GRIFFITH & BOYD.
Harvest Queen Phosphate.

T. H. GILL, AVALON, VA.
Try Me Fertilizer.

HANWAY & KEEN.
Dissolved Bone.

HOME FERTILIZER CO.
Everybody's Fertilizer.
Everysbody's Fertilizer for Wheat, Grass and General Crops
H. G. Acid Phosphate.

M. P. HUBBARD & CO.
Celebrated Dissolved Bone Phosphate.
Farmer's Acme.
Harvest King.
Excelsior Bone Phosphate.
Farmer's Old Economy.
Brown's Climax Super Phosphate.

S. L. LAMBERD & CO.
Pure Dissolved Animal Bone.

WM. McKENNEY, CENTREVLLE, MD.
Compound.
No. 1 D Phosphate.
Soluble Phosphate No. 3.

MAYFIELD & BROWN, WASHINGTON, D. C.
Va.

WM. C. NEWPORT & CO.
Special Compound.
No. 1 Bone Phosphate.
Acid Phosphate.
Fish, Bone and Potash.

G. OBER & SONS CO.
Thawley's Special Wheat Formula No. 1.
Riddle's Wheat and Grass Food.

R. H. POLLOCK, BALTIMORE, MD.
Hammond's Ammoniated Bone Phosphate.
" Old Liberty.
" Standard Phosphate.
" Special for Wheat and Grass.
" Raw and Dissolved Bone with Potash.
Special Wheat Grower.

RAMSBURG FERTILIZER CO., FREDERICK, MD.
Excelsior Half and Half.

ISAAC ROBINSON & CO., BALTIMORE, MD.
Special Wheat and Grass Phosphate.
Standard Dissolved Bone Phosphate.
Peerless Phosphate.
Potashed Bone.
Pure Dissolved Bone.

J. W. SULLIVAN, MONROVIA, MD.
Sullivan's Ammoniated Super Phosphate.

H. S. STOUFFER, NEW WINDSOR, MD.
Butcher House Phosphate.
Soluble Wheat Grower.

J. W. STONEBRAKER & SON, HAGERSTOWN, MD.
Bone Meal.
Special.
Standard.

D. A. THOMAS, HAGERSTOWN, MD.
Dissolved Bone.
Fine Raw Bone.
Farmer's Mixture.
Soluble Bone and Potash.

WM. B. TILGHMAN & CO., SALISBURY, MD.
Acidulated Rock.
Bone Phosphate.

H. S. TAVEAU & CO., BALTIMORE, MD.
Bone Mixture.

TURNER & SON, BETTERTON, MD.
"B" Bone Phosphate.

J. TYSON & SON, FREDERICK, MD.
Special Mixture.
Half and Half Super Phosphate.
Dissolved South Carolina.

VIRGINIA-CAROLINA CHEMICAL CO., RICHMOND, VA.
Special Formula.
Standard Bone and Potash.
Dissolved Bone.
Ground Bone.

WADE H. D. WARFELD, SYKESVILLE, MD.
Wheat and Grain Mixture.

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